

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
OMB No. 1004-0136  
Expires November 30, 2000

001

APPLICATION FOR PERMIT TO DRILL OR REENTER

1a. Type of Work: <input checked="" type="checkbox"/> DRILL <input type="checkbox"/> REENTER		<b>CONFIDENTIAL</b>	5. Lease Serial No. UTU-81003
1b. Type of Well: <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other <input checked="" type="checkbox"/> Single Zone <input type="checkbox"/> Multiple Zone			6. If Indian, Allottee or Tribe Name N/A
2. Name of Operator QEP UINTA BASIN, INC.		Contact: JOHN BUSCH E-Mail: john.busch@questar.com	7. If Unit or CA Agreement, Name and No. <del>N/A</del> Wilkin Ridge
3a. Address 11002 E. 17500 S. VERNAL, UT 84078	3b. Phone No. (include area code) Ph: 435.781.4341 Fx: 435.781.4323		8. Lease Name and Well No. RB DS FED. 1G-7-10-18
4. Location of Well (Report location clearly and in accordance with any State requirements. *) At surface NENE 609FNL 699FEL 39.96405 N Lat, 109.92921 W Lon At proposed prod. zone 591469X-4424105Y 39.96404-109.92903		9. API Well No. 43-047-35932	
14. Distance in miles and direction from nearest town or post office* 23 +/- MILES SOUTHEAST OF MYTON, UTAH		10. Field and Pool, or Exploratory <del>DESERT SPRINGS</del> Undesignated	
15. Distance from proposed location to nearest property or lease line, ft. (Also to nearest drig. unit line, if any) 609 +/-	16. No. of Acres in Lease 1199.43	11. Sec., T., R., M., or Blk. and Survey or Area Sec 7 T10S R18E Mer SLB SME: BLM	
18. Distance from proposed location to nearest well, drilling, completed, applied for, on this lease, ft. 4875 +/-	19. Proposed Depth 5300 MD	12. County or Parish UINTAH	
21. Elevations (Show whether DF, KB, RT, GL, etc.) 5318 GL	22. Approximate date work will start	13. State UT	
23. Estimated duration 10 DAYS		17. Spacing Unit dedicated to this well 40.00	
20. BLM/BIA Bond No. on file ESB000024		24. Attachments	

The following, completed in accordance with the requirements of Onshore Oil and Gas Order No. 1, shall be attached to this form:

1. Well plat certified by a registered surveyor.
2. A Drilling Plan.
3. A Surface Use Plan (if the location is on National Forest System Lands, the SUPO shall be filed with the appropriate Forest Service Office).
4. Bond to cover the operations unless covered by an existing bond on file (see Item 20 above).
5. Operator certification
6. Such other site specific information and/or plans as may be required by the authorized officer.

25. Signature <i>John Busch</i>	Name (Printed/Typed) JOHN BUSCH	Date 09/08/2004
Title OPERATIONS		
Approved by (Signature)	Name (Printed/Typed)	Date
Title	Office	

Application approval does not warrant or certify the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.  
Conditions of approval, if any, are attached.

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

Electronic Submission #35826 verified by the BLM Well Information System  
For QEP UINTA BASIN, INC., will be sent to the Vernal

APPROVED BY THE STATE  
OF UTAH DIVISION OF  
OIL, GAS, AND MINING  
DATE: 9-16-04  
BY: *[Signature]*

Federal Approval of this  
Action is Necessary

RECEIVED  
SEP 13 2004  
DIV. OF OIL, GAS & MINING

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T10S, R18E, S.L.B.&M.

NORTH 5280.00' (G.L.O.)

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S89°59'E 2643.96' (G.L.O.)

N89°59'43"W - 2644.51' (Meas.)

1910 Brass Cap  
2.0' High

1910 Brass  
Cap 2.0'  
High, Pile  
of Stones

RB DS FEDERAL #1G-7-10-18

Elev. Ungraded Ground = 5323'

609'

699'

N00°01'44"E - 2640.12' (Meas.)

1910 Brass Cap  
2.5' High, Pile of  
Stones

N00°01'E 2640.00' (G.L.O.)

EAST 5283.96' (G.L.O.)

LEGEND:

└─┘ = 90° SYMBOL

● = PROPOSED WELL HEAD.

▲ = SECTION CORNERS LOCATED.

(AUTONOMOUS NAD 83)

LATITUDE = 39°57'50.57" (39.964047)

LONGITUDE = 109°55'45.14" (109.929206)

QUESTAR EXPLORATION & PRODUCTION

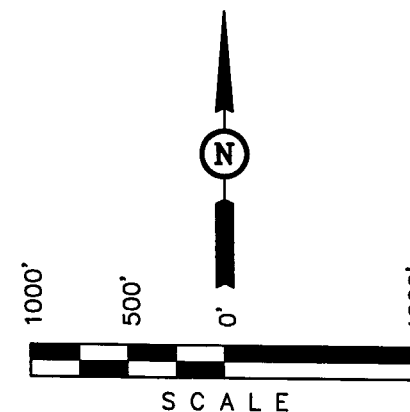
Well location, RB DS FEDERAL #1G-7-10-18,  
located as shown in the SW 1/4 NW 1/4 of  
Section 7, T10S, R18E, S.L.B.&M. Uintah County,  
Utah.

BASIS OF ELEVATION

TRIANGULATION STATION FLUK VABM LOCATED IN THE  
SOUTHEAST CORNER OF SECTION 32, T9S, R18E, S.L.B.&M.  
TAKEN FROM THE CROW KNOLL QUADRANGLE, UTAH, UTAH  
COUNTY 7.5 MINUTE QUAD. (TOPOGRAPHIC MAP) PUBLISHED BY  
THE UNITED STATES DEPARTMENT OF THE INTERIOR, GEOLOGICAL  
SURVEY. SAID ELEVATION IS MARKED AS BEING 5244 FEET.

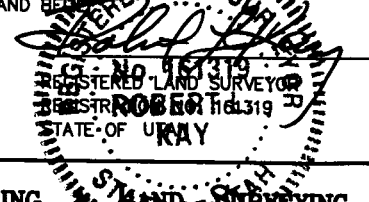
BASIS OF BEARINGS

BASIS OF BEARINGS IS A G.P.S. OBSERVATION.



CERTIFICATE

THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM  
FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY  
SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE  
BEST OF MY KNOWLEDGE AND BELIEF.



UINTAH ENGINEERING AND SURVEYING  
85 SOUTH 200 EAST - VERNON, UTAH 84078  
(435) 789-1017

SCALE 1" = 1000'	DATE SURVEYED: 08-23-04	DATE DRAWN: 08-26-04
PARTY D.A. T.A. D.COX	REFERENCES G.L.O. PLAT	
WEATHER WARM	FILE QUESTAR EXPLORATION & PRODUCTION	

**Additional Operator Remarks**

QEP, Uinta Basin Inc. proposes to drill a well to 5300' to test the Wasatch. If productive, casing will be run and the well completed. If dry, the well will be plugged and abandoned as per BLM and State of Utah requirements

See attached 8-point drilling program.

See Multi point surface use program.

Please be advised that QEP, Uinta Basin Inc. agrees to be responsible under the terms and conditions of the lease for the operations conducted upon the lease lands.

Bond coverage for this well is provided by Bond No.ESB000024. The principal is QEP, Uinta Basin Inc. via surety as consent as provided for the 43 CFR 3104.2.

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DRILLING PROGRAM

ONSHORE OIL & GAS ORDER NO. 1  
Approval of Operations on Onshore  
Federal Oil and Gas Leases

All lease and/or unit operations will be conducted in such a manner that full compliance is made with applicable laws, regulations (43 CFR 3100), Onshore Oil and Gas No. 1, and the approved plan of operations. The operator is fully responsible for the actions of his subcontractors. A copy of these conditions will be furnished the field representative to insure compliance.

1. Formation Tops

The estimated tops of important geologic markers are as follows:

<u>Formation</u>	<u>Depth</u>	<u>Prod. Phase Anticipated</u>
Uinta	Surface	
Green River	1100'	
Wasatch	5149	Oil
TD	5300'	

2. Anticipated Depths of Oil Gas Water and Other Mineral Bearing Zones

The estimated depths at which the top and bottom of the anticipated water, oil, gas. Or other mineral bearing formations are expected to be encountered are as follows:

<u>Substance</u>	<u>Formation</u>	<u>Depth</u>
Oil/Gas	Wasatch	5300'

All fresh water and prospectively valuable minerals encountered during drilling, will be recorded by depth and adequately protected. All oil and gas shows will be tested to determine commercial potential.

All water shows and water-bearing sands will be reported to the BLM in Vernal, Utah. Copies of State of Utah form OGC-8-X are acceptable. If no flows are detected, samples will be submitted to the BLM along with any water analyses conducted. Fresh water will be obtained from Myton City or Joe Shields in Pleasant Valley to supply fresh water for drilling purposes.

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DRILLING PROGRAM

3. Operator's Specification for Pressure Control Equipment:

- A. 3,000 psi W.P. Double Gate BOP or Single Gate BOP (schematic attached)
- B. Functional test daily
- C. All casing strings shall be pressure tested (0.2 psi/foot or 1500 psi, whichever is greater) prior to drilling the plug after cementing; test pressure shall not exceed the internal yield pressure of the casing.
- D. Ram type preventers and associated equipment shall be tested to approved stack working pressure if isolated by test plug or to 50 percent of internal yield pressure of casing whichever is less. BOP and related equipment shall meet the minimum requirements of Onshore Oil and Gas Order No. 2 for equipment and testing requirements, procedures, etc..., for a 3M system and individual components shall be operable as designed.

4. Casing Program

	<u>Depth</u>	<u>Hole Size</u>	<u>Csg Size</u>	<u>Type</u>	<u>Weight</u>
Surface	450'	12 1/4"	9-5/8"	K-55	36 lb/ft (new) LT&C
TD	5300'	7 -7/8"	5 -1/2"	J-55	15.50lb/ft (new)LT&C

5. Auxiliary Equipment

- A. Kelly Cock – yes
- B. Float at the bit – no
- C. Monitoring equipment on the mud system – visually and/or PVT/Flow Show
- D. Full opening safety valve on the rig floor – yes
- E. Rotating Head – yes  
If drilling with air the following will be used:
- F. The blooie line shall be at least 6" in diameter and extend at least 100' from the well bore into the reserve/blooie pit.
- G. Blooie line ignition shall be provided by a continuous pilot (ignited when drilling below 500').
- H. Compressor shall be tied directly to the blooie line through a manifold.

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## DRILLING PROGRAM

- I. A mister with a continuous stream of water shall be installed near the end of the blooie lines for dust suppression.
6. Surface hole will be drilled with air, air/mist, foam, or mud depending on hole conditions. Drilling below surface casing will be with water based drilling fluids consisting primarily of fresh water, bentonite, lignite, caustic, lime, soda ash and polymers. No chromates will be used. It is not intended to use oil in the mud, however, in the event it is used, oil concentration will be less than 4% by volume. Maximum anticipated mud weight is 9.5 ppg.

No minimum quantity of weight material will be required to be kept on location.

PVT/Flow Show will be used from base of surface casing to TD.

Gas detector will be used from surface casing depth to TD.

### 6. Testing, logging and coring program

- A. Cores – none anticipated
- B. DST – none anticipated

Logging – Mud logging – 4500 to TD  
GR-SP-Induction  
Neutron Density  
MRI

- C. Formation and Completion Interval: Wasatch interval, final determination of completion will be made by analysis of logs.  
Stimulation – Stimulation will be designed for the particular area of interest as encountered.

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DRILLING PROGRAM

7. Cementing Program

<u>Casing</u>	<u>Volume</u>	<u>Type &amp; Additives</u>
Surface	257 sx	Class "G" single slurry mixed to 15.6 ppg, yield = 1.19 cf/sx. Fill to surface with 160 cf (685 sx) calculated. Tail plug used. Allowed to set under pressure
Production	Lead-528sx* Tail-208sx*	Lead/Tail oilfield type cement circulated in place . Tail slurry: Class "G" + gilsonite and additives as required, mixed to 14.8 ppg, yield = 1.34 cf/sx. Fill to 4366' (±500' above top of Green River).  Cement Characteristics: Lead slurry: Class "G" + extender and additives as required, mixed to 11.0 ppg, yield = 3.82 cf/sx. Fill to surface. Tail plug used. Allowed to set under pressure.

\*Final cement volumes to be calculated from caliper log with an attempt to be made to circulate cement to the surface. A bond log will be run across the zone of interest and across zones as required by the authorized officer to insure protection of natural resources.

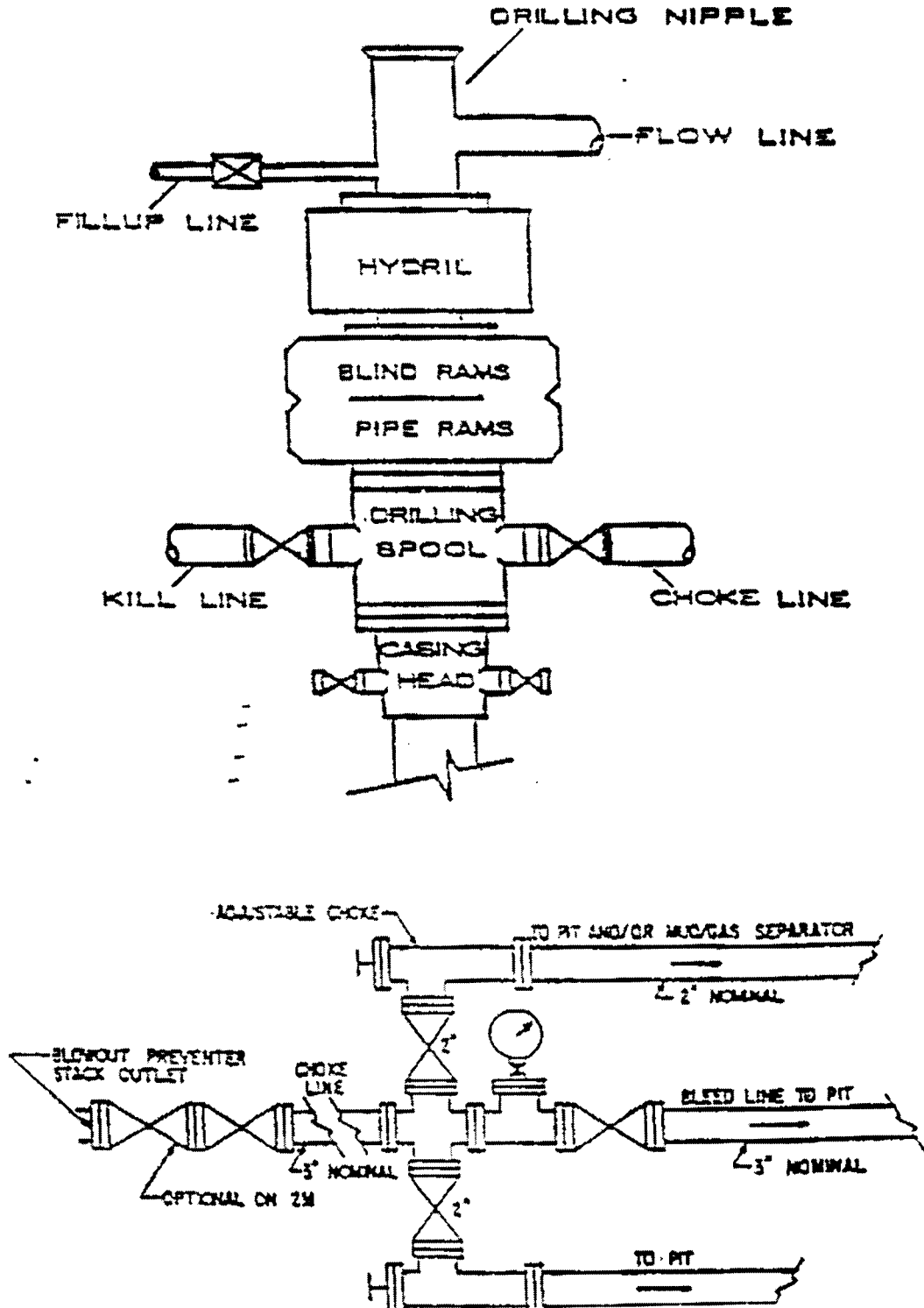
8. Anticipated Abnormal Pressures and Temperatures, Other Potential Hazards

No abnormal temperatures or pressures are anticipated. No H<sub>2</sub>S has been encountered in or known to exist from previous wells drilled to similar depths in the general area. Maximum anticipated bottom hole pressure equals approximately 2299 psi. Maximum anticipated bottom hole temperature is 140° F.

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DRILLING PROGRAM

SCHEMATIC DIAGRAM OF 3,000 PSI BOP STACK



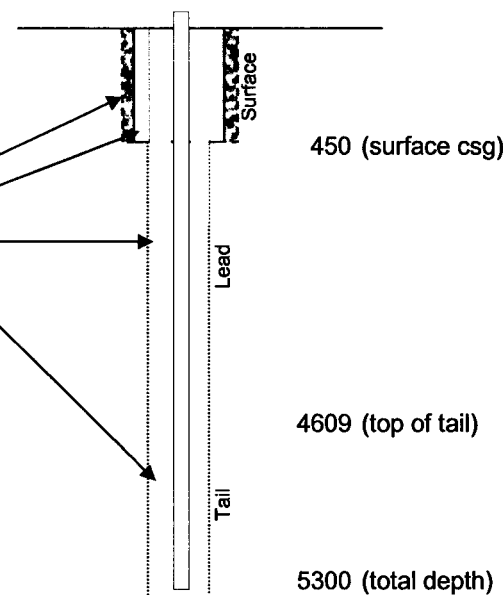
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# Cement Calculations V2

x-rg (3jul01)

Interval	wo factor	hole dia	csg dia	cf/f	yield	sxs/ft	feet	sxs
Surf Csg	1.2	12.25	9.625	0.673	1.18	0.571	450	257
Lead1	1.2	9.625	4.5	0.617	3.81	0.162	450	73
Lead2	1.2	7.875	4.5	0.377	3.81	0.099	4609	456
Tail	1.2	7.875	4.5	0.377	1.25	0.301	691	208

surf csg	257 sxs
total lead	528 sxs
total tail	208 sxs
total	993 sxs



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**QEP UINTA BASIN, INC.  
RB DS FEDERAL # 1G-7-10-18  
609' FNL 699' FEL  
NENE SECTION 7, T10S, R18E  
UINTAH COUNTY, UTAH  
LEASE # UTU-81003**

**ONSHORE ORDER NO. 1**

**MULTI – POINT SURFACE USE & OPERATIONS PLAN**

An onsite inspection was conducted for the RB DS FED. 1G-7-10-18 on September 1, 2004. Weather conditions were sunny and clear at the time of the onsite. In attendance at the inspection were the following individuals:

Paul Buhler	Bureau of Land Management
Dixie Sadleir	Bureau of Land Management
Amy Torres	Bureau of Land Management
Jan Nelson	QEP Uinta Basin Inc.
Kathy Mergens	QEP Uinta Basin Inc.

**1. Existing Roads:**

The proposed well site is approximately 23 miles Southeast of Myton, Utah.

Refer to Topo Maps A and B for location of access roads within a 2 – mile radius.

Improvements will be made to existing 2-Track access road.

**2. Planned Access Roads:**

Refer to Topo Map B for the location of the proposed access road.

A right-of-way will be required for the part of road that travels off lease in Section 7, T10S, R18E. The part of the road that goes off lease is +/- 350' in length with 30' width with a running surface of 18' it will be crowned (2%-3%) and ditched.

**3. Location of Existing Wells Within a 1 – Mile Radius:**

Please refer to Topo Map C.

**4. Location of Existing & Proposed Facilities:**

Product will be contained in tanks and transported from location.

**5. Location and Type of Water Supply:**

Fresh water drilling fluids will be obtained from Myton City or Joe Shields from Pleasant Valley.

**6. Source of Construction Materials:**

Surface and subsurface materials in the immediate area will be utilized. Any gravel will be obtained from a commercial source.

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**7. Methods of Handling Waste Materials:**

Drill cuttings will be contained and buried in the reserve pit. Drilling fluids, including salts and chemicals, will be contained in the reserve pit. Upon termination of drilling and completion operations, the liquid contents of the reserve pit will be used at the next drill site or will be removed and disposed of at an approved waste disposal facility with 120 days after drilling is terminated. Immediately upon well completion, any hydrocarbons in the pit shall be removed in accordance with 43 CFR 3162.7-1.

After first production, produced wastewater will be confined to the approved pit or storage tank for a period not to exceed 90 days. During the 90 day period, in accordance with Onshore Order #7, all produced water will be contained in tanks on location and then hauled to Wonsits Valley location in SWNW section 12, T8S, R21E; or Red Wash Disposal Well located in NESW, Section 28, T7S, R22E; or, Red Wash Central Battery Disposal located in SWSE, Section 27, T7S, R23E. Pit reclamation for lined pit will be ruptured when emptied to allow the remaining liquid to be adequately mixed and to promote additional drying of the pit area.

**8. Ancillary Facilities:**

None anticipated.

**9. Well Site Layout: (See Location Layout Diagram)**

The attached Location Layout Diagram describes drill pad cross-sections, cuts and fills and locations of the mud tanks, reserve pit, flare pit, pipe racks, trailer parking, spoil dirt stockpile(s), and surface material stockpile(s).

A pit liner is required. A felt pit liner will be required if bedrock is encountered.

**10. Plans for Reclamation of the Surface:**

Topsoil will be stripped and salvaged to provide for sufficient quantities to be respread to a depth of at least 4 to 6 inches over the disturbed areas to be reclaimed. Topsoil shall be stock piled separately from subsoil materials. Topsoil salvaged from the reserve pit shall be stockpiled separately near the reserve pit. Immediately upon well completion, the location and surrounding area will be cleared of all unused tubing, materials, trash, and debris not required for production. Alternatively, the pit will be pumped dry, the liner folded into the pit, and the pit backfilled. The reserve pit will be reclaimed within 120 days from the date of well completion, weather permitting.

Seed Mix: # 5 12 lbs per acre  
4lbs-Gardner Saltbush  
4lbs - Shadscale  
4lb - Hycrest Wheat

**11. Surface Ownership:**

Bureau of Land Management  
170 South 500 East  
Vernal, Utah 84078  
(435) 781-4400

**12. Other Information**

A Class III archaeological survey was conducted by Montgomery Archaeology Consultants. A copy of this report was submitted directly to the appropriate agencies by Montgomery Archaeology Consultants. Cultural resource clearance was recommended for this location.

There is a Plover Stipulation from May through June. There will need to have three surveys, two weeks apart by a wildlife biologist that the site is inactive. No construction or drilling will commence during this period.

Need to construct reservoir 100' NW of corner 8.

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**Lessee's or Operator's Representative:**

John Busch  
Red Wash Operations Rep.  
QEP Uinta Basin Inc.  
11002 East 17500 South  
Vernal, Utah 84078  
(435) 781-4341

**Certification:**

All lease and/or unit operations will be conducted in such a manner that full compliance is made with all applicable laws, regulations, Onshore Oil & Gas Orders, the approved plan of operations, and any applicable Notice to Lessees.

QEP Uinta Basin, Inc. will be fully responsible for the actions of their subcontractors.

A complete copy of the approved Application for Permit to Drill will be furnished to the field representative(s) to ensure compliance and shall be on location during all construction and drilling operations.

I hereby certify that I, or persons under my direct supervision, have inspected the proposed drill site and access route; that I am familiar with the conditions which currently exist; that the statements made in this plan are, to the best of my knowledge, true and correct; and that the work associated with the operations proposed herein will be performed by QEP Uinta Basin, Inc. its' contractors and subcontractors in conformity with this plan and the terms and conditions under which it is approved. This statement is subject to the provisions of 18 U.S.C. 1001 for the filing of a false statement.

John Busch

John Busch  
Red Wash Operations Representative

08-Sep-04

Date

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# QUARTAR EXPLORATION & PROTECTION

## LOCATION LAYOUT FOR

RB DS FEDERAL #1G-7-10-18  
SECTION 7, T10S, R18E, S.L.B.&M.  
609' FNL 699' FEL

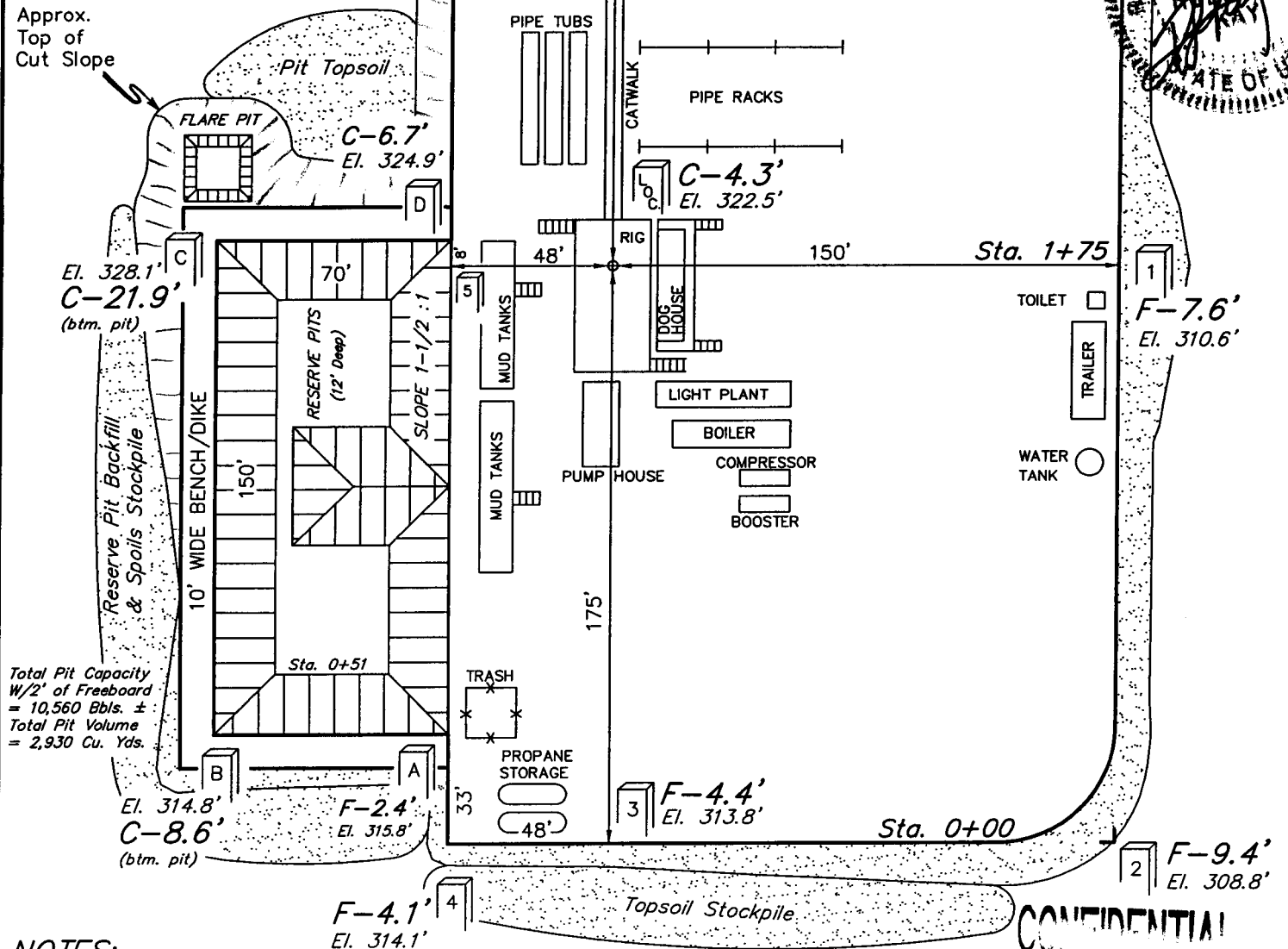
FIGURE #1

SCALE: 1" = 50'  
DATE: 08-26-04  
Drawn By: D.COX

### NOTE:

Flare Pit is to be located  
a min. of 100' from the  
Well Head.

Approx.  
Top of  
Cut Slope



### NOTES:

Elev. Ungraded Ground At Loc. Stake = 5322.5'  
FINISHED GRADE ELEV. AT LOC. STAKE = 5318.2'

UINTAH ENGINEERING & LAND SURVEYING  
85 So. 200 East \* Vernal, Utah 84078 \* (435) 789-1017

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# QUINTAR EXPLORATION & PRODUCTION

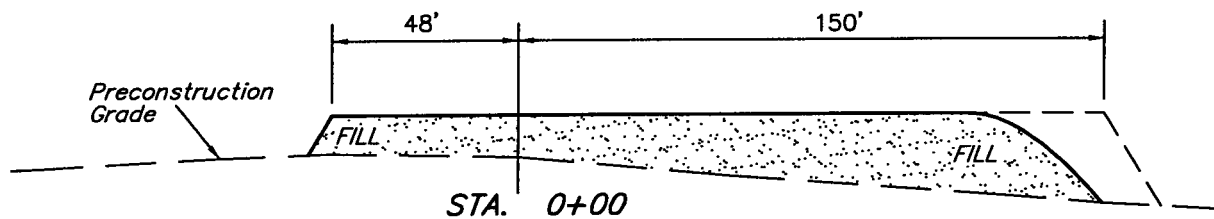
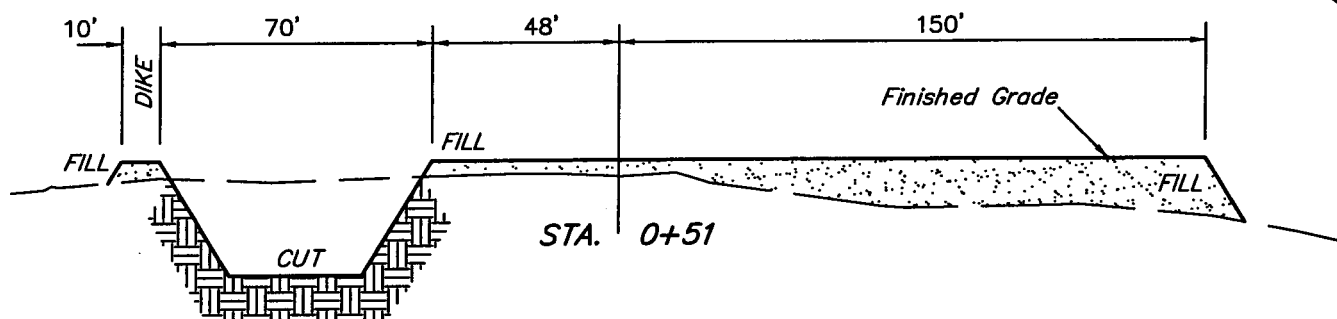
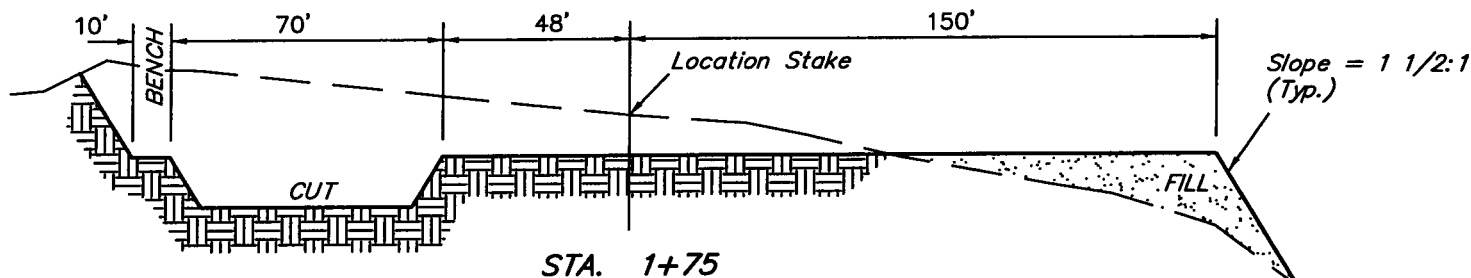
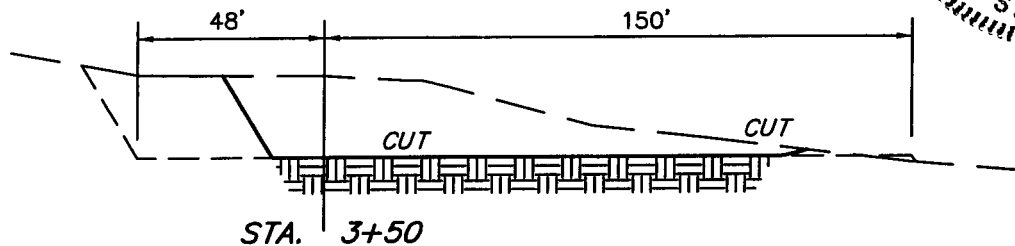
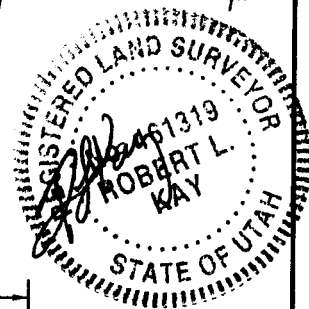
FIGURE #2

## TYPICAL CROSS SECTIONS FOR

RB DS FEDERAL #1G-7-10-18  
SECTION 7, T10S, R18E, S.L.B.&M.  
609' FNL 699' FEL

1" = 20'  
X-Section  
Scale  
1" = 50'

DATE: 08-26-04  
Drawn By: D.COX



\* NOTE:  
FILL QUANTITY INCLUDES  
5% FOR COMPACTION

### APPROXIMATE YARDAGES

CUT		
(6") Topsoil Stripping	= 1,820	Cu. Yds.
Remaining Location	= 8,120	Cu. Yds.
<b>TOTAL CUT</b>	<b>= 9,940</b>	<b>CU.YDS.</b>
<b>FILL</b>	<b>= 6,690</b>	<b>CU.YDS.</b>

EXCESS MATERIAL AFTER 5% COMPACTION	= 3,250	Cu. Yds.
Topsoil & Pit Backfill (1/2 Pit Vol.)	= 3,250	Cu. Yds.
EXCESS UNBALANCE (After Rehabilitation)	= 0	Cu. Yds.

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UINTAH ENGINEERING & LAND SURVEYING  
85 So. 200 East \* Vernal, Utah 84078 \* (435) 789-1017



**QUESTAR EXPLR. & PROD.**  
**RB DS FEDERAL #1G-7-10-18**  
LOCATED IN UINTAH COUNTY, UTAH  
SECTION 7, T10S, R18E, S.L.B.&M.

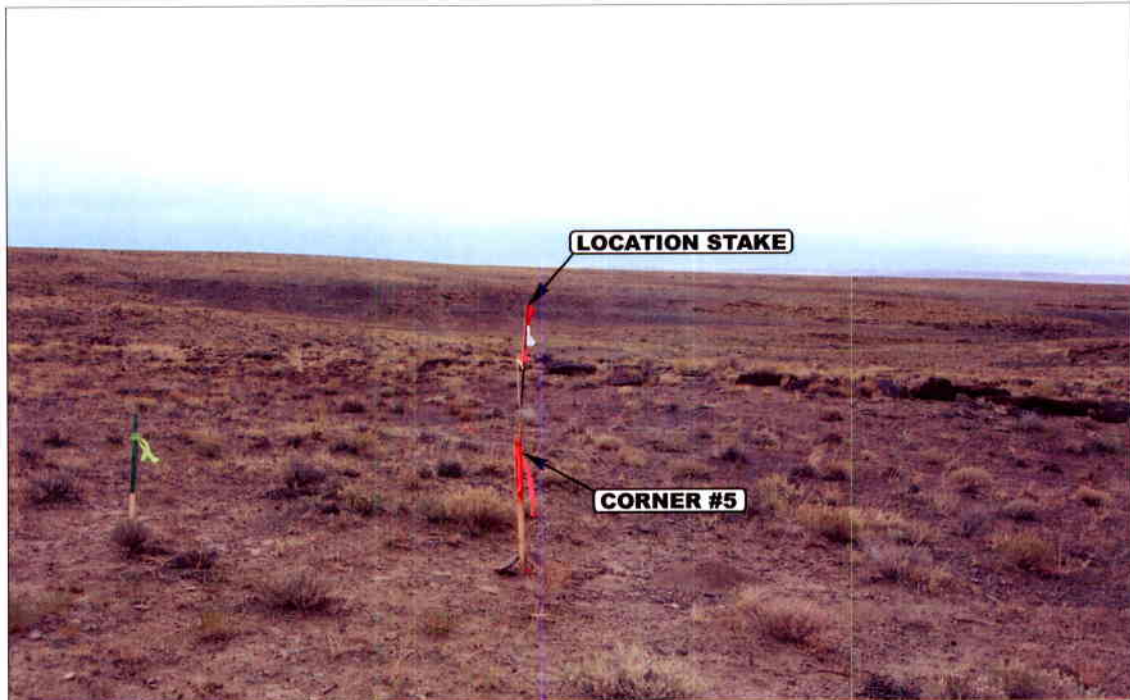


PHOTO: VIEW FROM CORNER #5 TO LOCATION STAKE

CAMERA ANGLE: NORTHERLY



PHOTO: VIEW FROM BEGINNING OF PROPOSED ACCESS

CAMERA ANGLE: NORTHEASTERLY



Uintah Engineering & Land Surveying  
85 South 200 East Vernal, Utah 84078  
435-789-1017 uels@uelsinc.com

LOCATION PHOTOS

08 25 04  
MONTH DAY YEAR

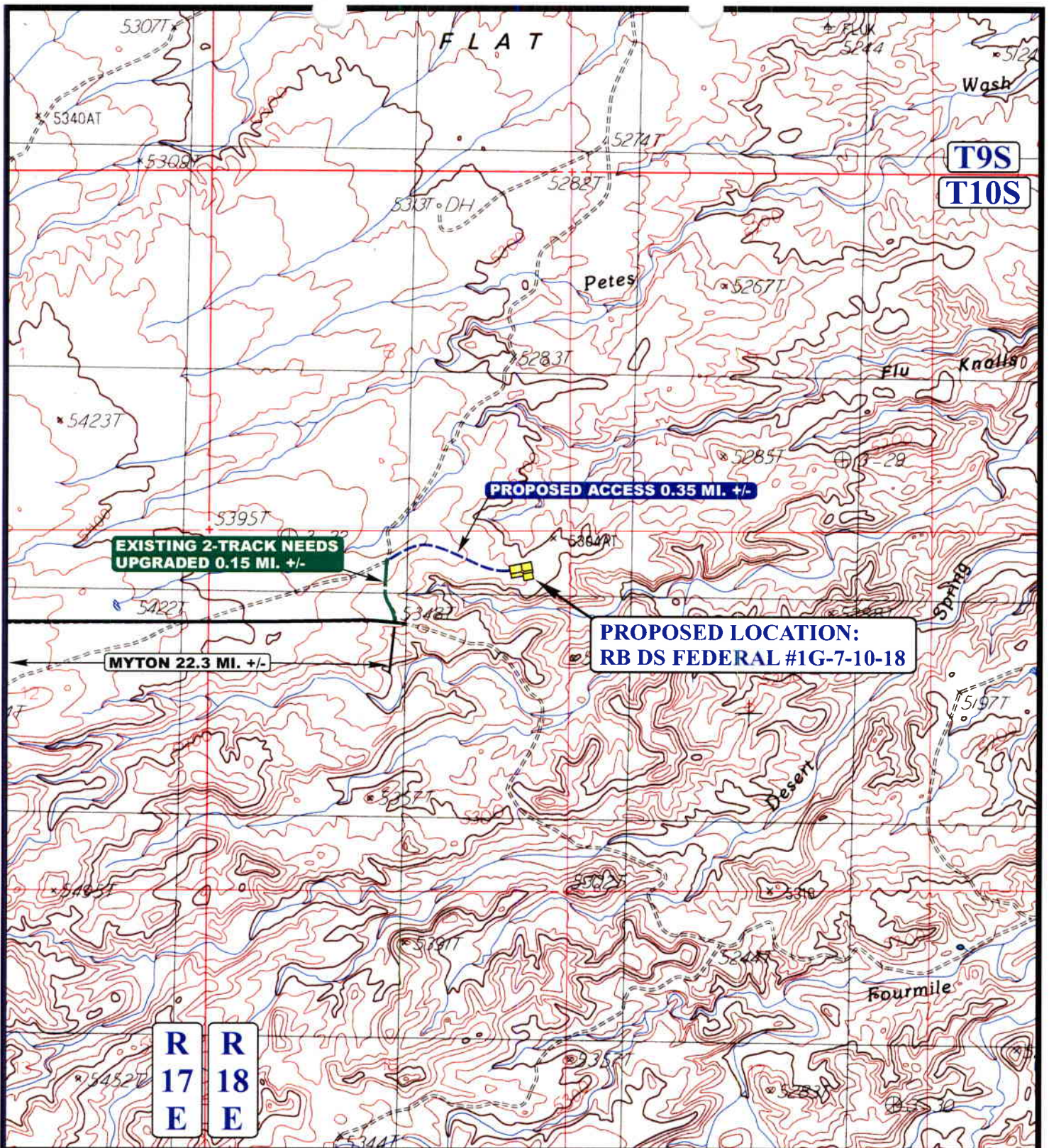
PHOTO

TAKEN BY: D.A.

DRAWN BY: P.M.

REVISED: 00-00-00

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# LEGEND:

- EXISTING ROAD
- PROPOSED ACCESS ROAD
- EXISTING 2-TRACK NEEDS UPGRADED

# QUESTAR EXPLR. & PROD.

RB DS FEDERAL #1G-7-10-18  
SECTION 7, T10S, R18E, S.L.B.&M.  
609' FNL 699' FEL



Uintah Engineering & Land Surveying  
85 South 200 East Vernal, Utah 84078  
(435) 789-1017 \* FAX (435) 789-1813



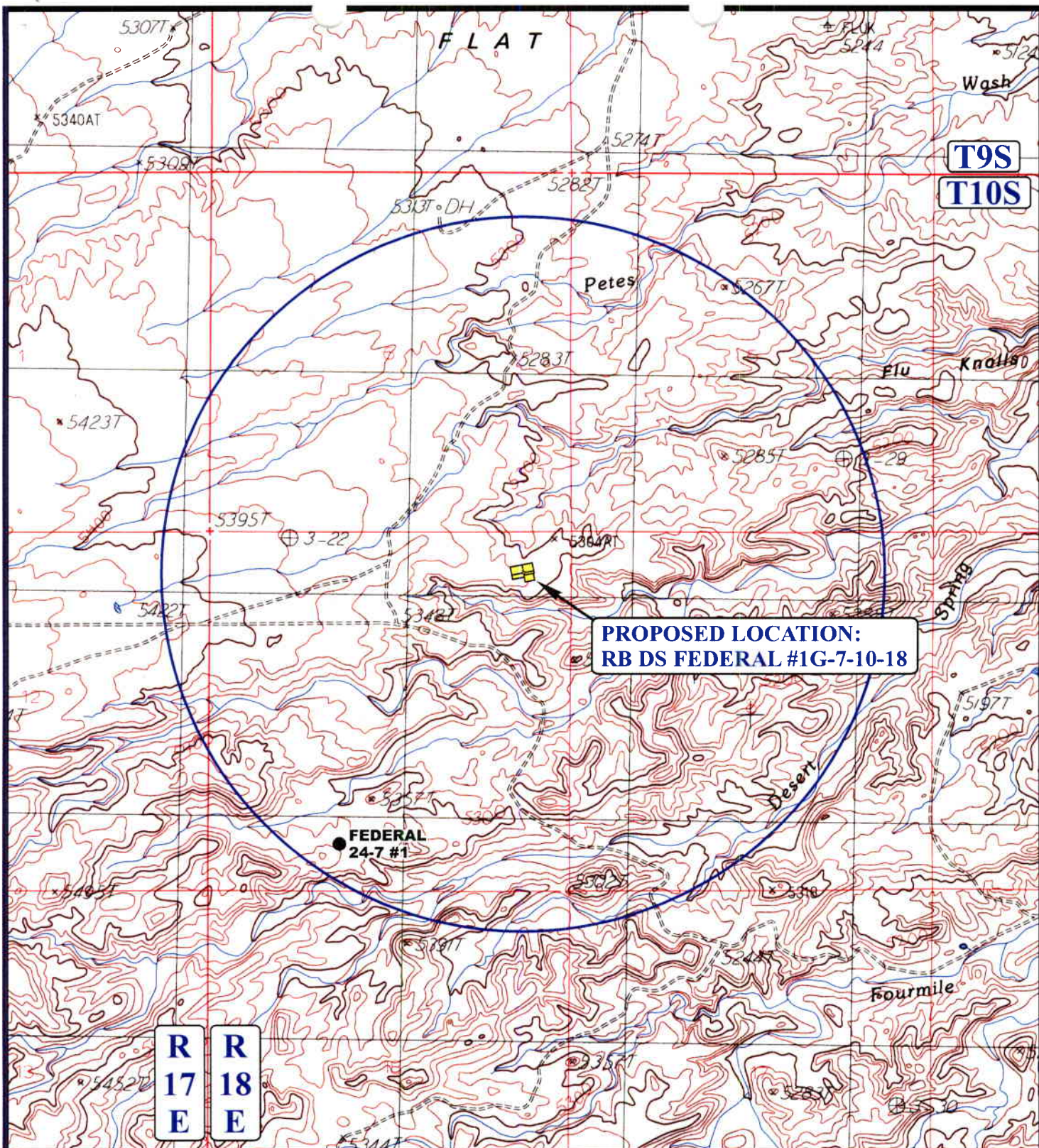
TOPOGRAPHIC  
MAP

08 25 04  
MONTH DAY YEAR

SCALE: 1" = 2000' DRAWN BY: P.M. REVISED: 00-00-00



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**WORKSHEET**  
**APPLICATION FOR PERMIT TO DRILL**

APD RECEIVED: 09/13/2004

API NO. ASSIGNED: 43-047-35932

WELL NAME: RB DS FED 1G-7-10-18

OPERATOR: QEP UINTA BASIN, INC. ( N2460 )

CONTACT: JOHN BUSCH

PHONE NUMBER: 435-781-4341

## PROPOSED LOCATION:

NENE 07 100S 180E

SURFACE: 0609 FNL 0699 FEL

BOTTOM: 0609 FNL 0699 FEL

UINTAH

UNDESIGNATED ( 2 )

LEASE TYPE: 1 - Federal

LEASE NUMBER: UTU-81003

SURFACE OWNER: 1 - Federal

PROPOSED FORMATION: WSTC

COALBED METHANE WELL? NO

INSPECT LOCATN BY: / /

Tech Review	Initials	Date
Engineering		
Geology		
Surface		

LATITUDE: 39.96404

LONGITUDE: -109.9290

## RECEIVED AND/OR REVIEWED:

☒ Plat

☒ Bond: Fed[1] Ind[] Sta[] Fee[]  
 (No. ESB000024 )

☒ Potash (Y/N)

☒ Oil Shale 190-5 (B) or 190-3 or 190-13

☒ Water Permit  
 (No. JOHNSON )

☒ RDCC Review (Y/N)  
 (Date: )

☒ Fee Surf Agreement (Y/N)

## LOCATION AND SITING:

\_\_\_\_ R649-2-3. *\* Non PA*

Unit WILKINS RIDGE DEEP

☒ R649-3-2. General  
 Siting: 460 From Qtr/Qtr & 920' Between Wells

\_\_\_\_ R649-3-3. Exception

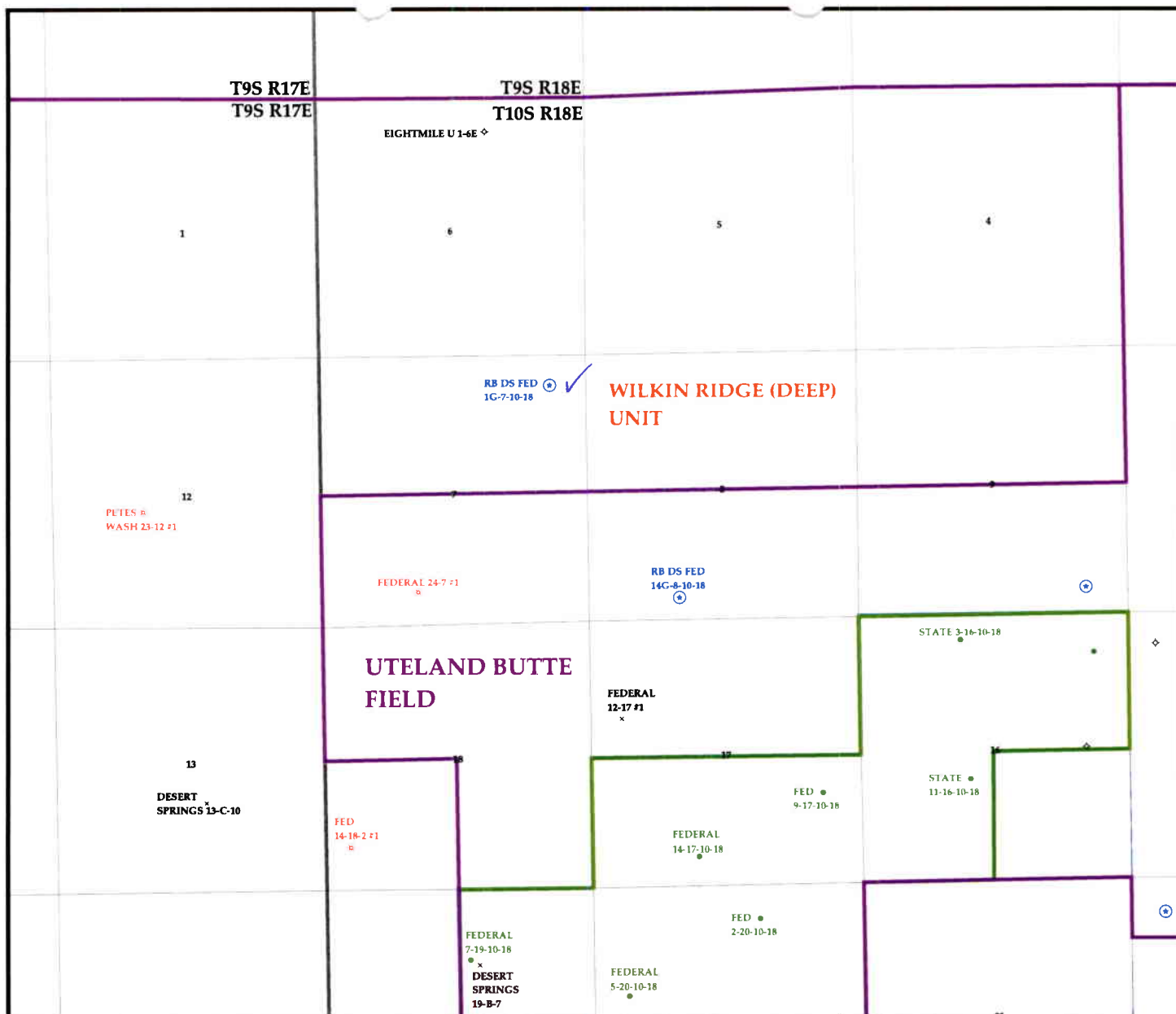
\_\_\_\_ Drilling Unit  
 Board Cause No: \_\_\_\_\_  
 Eff Date: \_\_\_\_\_  
 Siting: \_\_\_\_\_

\_\_\_\_ R649-3-11. Directional Drill

COMMENTS: \_\_\_\_\_

STIPULATIONS: \_\_\_\_\_

*1- Federal Approval*  
*2- Spacing Strip*



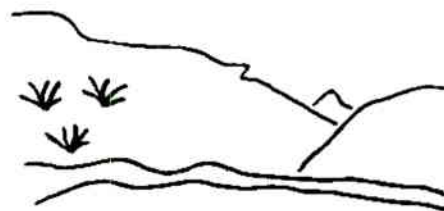
OPERATOR: QEP UINTA BASIN INC (N2460)

SEC. 7 T.10S R.18E

FIELD: UNDESIGNATED (002)

COUNTY: UINTAH

SPACING: R649-3-2 / GENERAL SITING



Utah Oil Gas and Mining

#### Wells

- ✱ GAS INJECTION
- GAS STORAGE
- ✕ LOCATION ABANDONED
- ⊕ NEW LOCATION
- ◇ PLUGGED & ABANDONED
- ✱ PRODUCING GAS
- PRODUCING OIL
- SHUT-IN GAS
- SHUT-IN OIL
- ✕ TEMP. ABANDONED
- TEST WELL
- ▲ WATER INJECTION
- ◆ WATER SUPPLY
- ✱ WATER DISPOSAL

#### Units.shp

- EXPLORATORY
- GAS STORAGE
- NF PP OIL
- NF SECONDARY
- PENDING
- PI OIL
- PP GAS
- PP GEOTHERML
- PP OIL
- SECONDARY
- TERMINATED

#### Fields.shp

- ABANDONED
- ACTIVE
- COMBINED
- INACTIVE
- PROPOSED
- STORAGE
- TERMINATED



PREPARED BY: DIANA WHITNEY  
DATE: 06-SEPTEMBER-2004



State of Utah

Department of  
Natural Resources

ROBERT L. MORGAN  
*Executive Director*

Division of  
Oil, Gas & Mining

LOWELL P. BRAXTON  
*Division Director*

OLENE S. WALKER  
*Governor*

GAYLE F. McKEACHNIE  
*Lieutenant Governor*

September 16, 2004

QEP Uinta Basin, Inc.  
11002 E 17500 S  
Vernal, UT 84078

Re: RB DS Federal 1G-7-10-18 Well, 609' FNL, 699' FEL, NE NE, Sec. 7,  
T. 10 South, R. 18 East, Uintah County, Utah

Gentlemen:

Pursuant to the provisions and requirements of Utah Code Ann. § 40-6-1 *et seq.*, Utah Administrative Code R649-3-1 *et seq.*, and the attached Conditions of Approval, approval to drill the referenced well is granted.

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date. The API identification number assigned to this well is 43-047-35932.

Sincerely,

A handwritten signature in black ink, appearing to read "John R. Baza".

John R. Baza  
Associate Director

pab  
Enclosures

cc: Uintah County Assessor  
Bureau of Land Management, Vernal District Office

**Operator:** QEP Uinta Basin, Inc.  
**Well Name & Number** RB DS Federal 1G-7-10-18  
**API Number:** 43-047-35932  
**Lease:** UTU-81003

**Location:** NE NE                      **Sec. 7**                      **T. 10 South**                      **R. 18 East**

### **Conditions of Approval**

**1. General**

Compliance with the requirements of Utah Admin. R. 649-1 *et seq.*, the Oil and Gas Conservation General Rules, and the applicable terms and provisions of the approved Application for permit to drill.

**2. Notification Requirements**

Notify the Division within 24 hours of spudding the well.

- Contact Carol Daniels at (801) 538-5284.

Notify the Division prior to commencing operations to plug and abandon the well.

- Contact Dan Jarvis at (801) 538-5338

**3. Reporting Requirements**

All required reports, forms and submittals will be promptly filed with the Division, including but not limited to the Entity Action Form (Form 6), Report of Water Encountered During Drilling (Form 7), Weekly Progress Reports for drilling and completion operations, and Sundry Notices and Reports on Wells requesting approval of change of plans or other operational actions.

**4. State approval of this well does not supersede the required federal approval, which must be obtained prior to drilling.**

**5. This proposed well is located in an area for which drilling units (well spacing patterns) have not been established through an order of the Board of Oil, Gas and Mining (the "Board"). In order to avoid the possibility of waste or injury to correlative rights, the operator is requested, once the well has been drilled, completed, and has produced, to analyze geological and engineering data generated therefrom, as well as any similar data from surrounding areas if available. As soon as is practicable after completion of its analysis, and if the analysis suggests an area larger than the quarter-quarter section upon which the well is located is being drained, the operator is requested to seek an appropriate order from the Board establishing drilling and spacing units in conformance with such analysis by filing a Request for Agency Action with the Board.**

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
OMB No. 1004-0136  
Expires November 30, 2000

006

APPLICATION FOR PERMIT TO DRILL OR REENTER

1a. Type of Work: <input checked="" type="checkbox"/> DRILL <input type="checkbox"/> REENTER		<b>CONFIDENTIAL</b>		5. Lease Serial No. UTU81003
1b. Type of Well: <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other <input checked="" type="checkbox"/> Single Zone <input type="checkbox"/> Multiple Zone		2. Name of Operator QEP UINTA BASIN INC		6. If Indian, Allottee or Tribe Name
3a. Address 11002 EAST 17500 SOUTH VERNAL, UT 84078		3b. Phone No. (include area code) Ph: 435.781.4341 Fx: 435.781.4323		7. If Unit or CA Agreement, Name and No.
4. Location of Well (Report location clearly and in accordance with any State requirements. *) At surface NENE 609FNL 699FEL 39.96405 N Lat, 109.92921 W Lon At proposed prod. zone		9. API Well No. 43-047-35932-00-X1		8. Lease Name and Well No. RB DS FED 1G-7-10-18
14. Distance in miles and direction from nearest town or post office* 23 + / - MILES SOUTHEAST OF MYTON, UTAH		11. Sec., T., R., M., or Blk. and Survey or Area Sec 7 T10S R18E Mer SLB SME: BLM		10. Field and Pool, or Exploratory DESERT SPRING
15. Distance from proposed location to nearest property or lease line, ft. (Also to nearest drig. unit line, if any) 609 + / -		16. No. of Acres in Lease 1199.43		12. County or Parish UINTAH
18. Distance from proposed location to nearest well, drilling, completed, applied for, on this lease, ft. 4875 + / -		19. Proposed Depth 5300 MD		13. State UT
21. Elevations (Show whether DF, KB, RT, GL, etc.) 5318 GL		22. Approximate date work will start		17. Spacing Unit dedicated to this well 40.00
		23. Estimated duration 10 DAYS		20. BLM/BIA Bond No. on file

24. Attachments

The following, completed in accordance with the requirements of Onshore Oil and Gas Order No. 1, shall be attached to this form:

- |                                                                                                                                                                                                                            |                                                                                                                                                                                                                                    |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1. Well plat certified by a registered surveyor.<br>2. A Drilling Plan.<br>3. A Surface Use Plan (if the location is on National Forest System Lands, the SUPO shall be filed with the appropriate Forest Service Office). | 4. Bond to cover the operations unless covered by an existing bond on file (see Item 20 above).<br>5. Operator certification<br>6. Such other site specific information and/or plans as may be required by the authorized officer. |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

25. Signature (Electronic Submission)	Name (Printed/Typed) JOHN BUSCH	Date 09/08/2004
Title OPERATIONS		
Approved by (Signature) (Electronic Submission)	Name (Printed/Typed) HOWARD B CLEAVINGER II	Date 11/03/2004
Title AFM FOR MINERAL RESOURCES		
Office Vernal		

Application approval does not warrant or certify the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.  
Conditions of approval, if any, are attached.

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

Additional Operator Remarks (see next page)

Electronic Submission #35826 verified by the BLM Well Information System  
For QEP UINTA BASIN INC, sent to the Vernal  
Committed to AFMSS for processing by LESLIE WALKER on 09/10/2004 (04LW4929AE)

\*\* BLM REVISED \*\* BLM REVISED \*\* BLM REVISED \*\* BLM REVISED \*\* BLM REVISED \*\*

## Revisions to Operator-Submitted EC Data for APD #35826

	Operator Submitted	BLM Revised (AFMSS)
Lease:	UTU-81003	UTU81003
Agreement:		
Operator:	QEP UINTA BASIN, INC. 11002 E. 17500 S. VERNAL, UT 84078 Ph: 435.781.4341 Fx: 435.781.4323	QEP UINTA BASIN INC 11002 EAST 17500 SOUTH VERNAL, UT 84078 Ph: 435.781.4300
Admin Contact:	JOHN BUSCH OPERATIONS 11002 E. 17500 S. VERNAL, UT 84078 Ph: 435.781.4341 Fx: 435.781.4323  E-Mail: john.busch@questar.com	JOHN BUSCH OPERATIONS 11002 EAST 17500 SOUTH VERNAL, UT 84078 Ph: 435.781.4341 Fx: 435.781.4323  E-Mail: john.busch@questar.com
Tech Contact:		
Well Name:	RB DS FED.	RB DS FED
Number:	1G-7-10-18	1G-7-10-18
Location:		
State:	UT	UT
County:	UINTAH	UINTAH
S/T/R:	Sec 7 T10S R18E Mer SLB	Sec 7 T10S R18E Mer SLB
Surf Loc:	NENE 609FNL 699FEL 39.96405 N Lat, 109.92921 W Lon	NENE 609FNL 699FEL 39.96405 N Lat, 109.92921 W Lon
Field/Pool:	DESERT SPRINGS	DESERT SPRING
Bond:	ESB000024	

**CONDITIONS OF APPROVAL**  
**APPLICATION FOR PERMIT TO DRILL**

Company/Operator: QEP-UINTA BASIN, INC.

Well Name & Number: RB DS FEDERAL 1G-7-10-18

API Number: 43-047-35932

Lease Number: UTU - 81003

Location: NENE Sec. 7 TWN: 10S RNG: 18E

Agreement: N/A

**NOTIFICATION REQUIREMENTS**

- |                                 |                                                                                                                                                 |
|---------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------|
| Location Construction           | - At least forty-eight hours prior to construction of the location or access roads.                                                             |
| Location Completion             | - Prior to moving on the drilling rig.                                                                                                          |
| Spud Notice                     | - At least twenty-four (24) hours prior to spudding the well.                                                                                   |
| Casing String and Cementing     | - At least twenty-four (24) hours prior to running casing and cementing all casing strings.                                                     |
| BOP and Related Equipment Tests | - At least twenty-four (24) hours prior to initiating pressure tests.                                                                           |
| First Production Notice         | - Within five (5) business days after new well begins, or production resumes after well has been off production for more than ninety (90) days. |

For more specific details on notification requirements, please check the Conditions of Approval for Notice to Drill and Surface Use Program.

## CONDITIONS OF APPROVAL FOR NOTICE TO DRILL

Approval of this application does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

All lease and/or unit operations will be conducted in such a manner that full compliance is made with applicable laws, regulations (43 CFR 3100), Onshore Oil & Gas Orders, and the approved plan of operations. The operator is fully responsible for the actions of his subcontractors. A copy of these conditions will be furnished the field representative to insure compliance.

Be aware fire restrictions may be in effect when location is being constructed and/or when well is being drilled. Contact the appropriate Surface Management Agency for information.

### DRILLING PROGRAM

1. Estimated Depth at Which Oil, Gas, Water, or Other Mineral Bearing Zones are Expected to be Encountered

Report ALL water shows and water-bearing sands encountered while drilling to John Mayers of this office prior to setting the next casing or requesting plugging orders. Faxed copies of State of Utah form OGC-8-X are acceptable. If noticeable water flows are detected, submit samples to this office along with any water analyses conducted.

All usable water and prospectively valuable minerals (as described by BLM at onsite) encountered during drilling, will be recorded by depth and adequately protected. All oil and gas shows will be tested to determine commercial potential.

2. Pressure Control Equipment

The BOP and related equipment shall meet the minimum requirements of Onshore Oil & Gas Order No. 2 for equipment and testing requirements, procedures, etc., for a 3M system and individual components shall be operable as designed. Chart recorders shall be used for all pressure tests.

Test charts, with individual test results identified, shall be maintained on location while drilling and shall be made available to a BLM representative upon request.

If an air compressor is on location and is being utilized to provide air for the drilling medium while drilling, the special drilling requirements in Onshore Oil & Gas Order No. 2, regarding air or gas drilling shall be adhered to. If a mist system is being utilized then the requirement for a deduster shall be waived.

3. Casing Program and Auxiliary Equipment

Surface casing shall have centralizers on the bottom three joints, with a minimum of one centralizer per joint.

As a minimum, the usable water resources shall be isolated and/or protected by having a cement top for the production casing at least 200 ft. above the top of the Green River Formation, identified at  $\pm 1,146$  ft. If gilsonite is encountered while drilling, it shall be isolated and/or protected via the cementing program.

4. Mud Program and Circulating Medium

Hazardous substances specifically listed by the EPA as a hazardous waste or demonstrating a characteristic of a hazardous waste will not be used in drilling, testing, or completion operations.

No chromate additives will be used in the mud system on Federal and Indian lands without prior BLM approval to ensure adequate protection of fresh water aquifers.

5. Coring, Logging and Testing Program

Daily drilling and completion progress reports shall be submitted to this office on a weekly basis.

All Drill Stem tests (DST) shall be accomplished during daylight hours, unless specific approval to start during other hours is obtained from the AO. However, DSTs may be allowed to continue at night if the test was initiated during daylight hours and the rate of flow is stabilized and if adequate lighting is available (i.e., lighting which is adequate for visibility and vaporproof for safe operations). Packers can be released, but tripping should not begin before daylight unless prior approval is obtained from the AO.

**Submit an electronic copy of all logs run on this well in LAS format. This submission will replace the requirement for submittal of paper logs to the BLM.**

A cement bond log (CBL) will be run from the production casing shoe to the top of the cement and shall be utilized to determine the bond quality for the production casing. Submit a field copy of the CBL to this office.

Whether the well is completed as a dry hole or as a producer, "Well Completion and Recompletion Report and Log" (Form 3160-4) will be submitted not later than 30 days after completion of the well or after completion of operations being performed, in accordance with 43 CFR 3164. Two copies of all logs, core descriptions, core analyses, well-test data, geologic summaries, sample description, and all other surveys or data obtained and compiled during the drilling, workover, and/or completion operations, will be filed with Form 3160-4. Samples (cuttings, fluids, and/or gases) will be submitted when requested by the AO.

6. Notifications of Operations

No location will be constructed or moved, no well will be plugged, and no drilling or workover equipment will be removed from a well to be placed in a suspended status without prior approval of the AO. If operations are to be suspended, prior approval of the AO will be obtained and notification given before resumption of operations.

Operator shall report production data to MMS pursuant to 30 CFR 216.5 using form MMS/3160.

Immediate Report: Spills, blowouts, fires, leaks, accidents, or any other unusual occurrences shall be promptly reported in accordance with the requirements of NTL-3A or its revision.

If a replacement rig is contemplated for completion operations, a "Sundry Notice" (Form 3160-5) to that effect will be filed, for prior approval of the AO, and all conditions of this approved plan are applicable during all operations conducted with the replacement rig.

The date on which production is commenced or resumed will be construed for oil wells as the date on which liquid hydrocarbons are first sold or shipped from a temporary storage facility, such as a test tank, and for which a run ticket is required to be generated or, the date on which liquid hydrocarbons are first produced into a permanent storage facility, whichever first occurs; and, for gas wells as the date on which associated liquid hydrocarbons are first sold or shipped from a temporary storage facility, such as a test tank, and for which a run ticket is required to be generated or, the date on which gas is first measured through permanent metering facilities, whichever first occurs.

Should the well be successfully completed for production, the AO will be notified when the well is placed in a producing status. Such notification will be sent by telegram or other written communication, not later than five (5) days following the date on which the well is placed on production.

Gas produced from this well may not be vented or flared beyond an initial authorized test period of 30 days or 50 MMCF following its completion, whichever occurs first, without the prior written approval of the Authorized Officer. Should gas be vented or flared without approval beyond the authorized test period, the operator may be directed to shut-in the well until the gas can be captured or approval to continue venting or flaring as uneconomic is granted and the operator shall be required to compensate the lessor for that portion of the gas vented or flared without approval which is determined to have been avoidably lost.

A schematic facilities diagram as required by 43 CFR 3162.7-5(d) shall be submitted to the appropriate Field Office within 60 days of installation or first production, whichever occurs first. All site security regulations as specified in Onshore Oil & Gas Order No. 3 shall be adhered to. All product lines entering and leaving hydrocarbon storage tanks will be effectively sealed in accordance with 43 CFR 3162.7-5 (1).

No well abandonment operations will be commenced without the prior approval of the AO. In the case of newly drilled dry holes or failures, and in emergency situations, oral approval will be obtained from the AO. A "Subsequent Report of Abandonment" Form 3160-5, will be filed with the AO within thirty (30) days following completion of the well for abandonment. This report will indicate where plugs were placed and the current status of surface restoration. Final abandonment will not be approved until the surface reclamation work required by the approved APD or approved abandonment notice has been completed to the satisfaction of the AO or his representative, or the appropriate Surface Managing Agency.

7. Other Information

All loading lines will be placed inside the berm surrounding the tank battery.

All off-lease storage, off-lease measurement, or commingling on-lease or off-lease will have prior written approval from the AO.

The oil and gas measurement facilities will be installed on the well location. The oil and gas meters will be calibrated in place prior to any deliveries. Tests for meter accuracy will be conducted on initial meter installations and at least quarterly thereafter. The AO will be provided with a date and time for the initial meter calibration and all future meter proving schedules. A copy of the meter calibration reports will be submitted to the Vernal Field Office. All meter measurement facilities will conform to Onshore Oil & Gas Order No. 4 for liquid hydrocarbons and Onshore Oil & Gas Order No. 5 for natural gas measurement.

The use of materials under BLM jurisdiction will conform to 43 CFR 3610.2-3.

There will be no deviation from the proposed drilling and/or workover program without prior approval from the AO. Safe drilling and operating practices must be observed. All wells, whether drilling, producing, suspended, or abandoned will be identified in accordance with 43 CFR 3162.

"Sundry Notice and Report on Wells" (Form 3160-5) will be filed for approval for all changes of plans and other operations in accordance with 43 CFR 3162.3-2.

Section 102(b)(3) of the Federal Oil and Gas Royalty Management Act of 1982, as implemented by the applicable provisions of the operating regulations at Title 43 CFR 3162.4-1(c), requires that "not later than the 5th business day after any well begins production on which royalty is due anywhere on a lease site or allocated to a lease site, or resumes production in the case of a well which has been off production for more than 90 days, the operator shall notify the authorized officer by letter or sundry notice, Form 3160-5, or orally to be followed by a letter or sundry notice, of the date on which such production has begun or resumed."

If you fail to comply with this requirement in the manner and time allowed, you shall be liable for a civil penalty of up to \$10,000 per violation for each day such violation continues, not to exceed a maximum of 20 days. See Section 109(c)(3) of the Federal Oil and Gas Royalty Management Act of 1982 and the implementing regulations at Title 43 CFR 3162.4-1(b)(5)(ii).

APD approval is valid for a period of one (1) year from the signature date. An extension period may be granted, if requested, prior to the expiration of the original approval period.

In the event after-hours approvals are necessary, please contact one of the following individuals:

Ed Forsman (435) 828-7874  
Petroleum Engineer

Kirk Fleetwood (435) 828-7875  
Petroleum Engineer

BLM FAX Machine (435) 781-4410

## EPA'S LIST OF NONEXEMPT EXPLORATION AND PRODUCTION WASTES

While the following wastes are nonexempt, they are not necessarily hazardous.

Unused fracturing fluids or acids

Gas plant cooling tower cleaning wastes

Painting wastes

Oil and gas service company wastes, such as empty drums, drum rinsate, vacuum truck rinsate, sandblast media, painting wastes, spent solvents, spilled chemicals, and waste acids

Vacuum truck and drum rinsate from trucks and drums, transporting or containing nonexempt waste

Refinery wastes

Liquid and solid wastes generated by crude oil and tank bottom reclaimers

Used equipment lubrication oils

Waste compressor oil, filters, and blowdown

Used hydraulic fluids

Waste solvents

Waste in transportation pipeline-related pits

Caustic or acid cleaners

Boiler cleaning wastes

Boiler refractory bricks

Incinerator ash

Laboratory wastes

Sanitary wastes

Pesticide wastes

Radioactive tracer wastes

Drums, insulation and miscellaneous solids

**THERE ARE NO ADDITIONAL CONDITIONS FOR THE SURFACE USE PROGRAM.**

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
Budget Bureau No. 1004-0135  
Expires: March 31, 1993

007

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir  
Use "APPLICATION FOR PERMIT--" for such proposals

SUBMIT IN TRIPLICATE

1. Type of Well

Oil Gas  
☐ Well ☒ Well ☐ Other

CONFIDENTIAL

2. Name of Operator

QEP, UINTA BASIN, INC.

3. Address and Telephone No.

11002 E. 17500 S. VERNAL, UT 84078-8526

Contact: Dahn.Caldwell@questar.com

435-781-4342 Fax 435-781-4357

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

NENE, Sec 7-T10S-R18E - 609' FNL, 699' FEL

5. Lease Designation and Serial No.

UTU-81003

6. If Indian, Allottee or Tribe Name

N/A

7. If Unit or CA, Agreement Designation

N/A

8. Well Name and No.

RB DS FED 1G 7 10 18

9. API Well No.

43-047-35932

10. Field and Pool, or Exploratory Area

DESERT SPRINGS

11. County or Parish, State

UINTAH COUNTY, UTAH

12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

☐ Notice of Intent  
☒ Subsequent Report  
☐ Final Abandonment Notice

TYPE OF ACTION

☐ Abandonment  
☐ Recompletion  
☐ Plugging Back  
☐ Casing Repair  
☐ Altering Casing  
☒ Other Spud  
☐ Change of Plans  
☐ New Construction  
☐ Non-Routine Fracturing  
☐ Water Shut-Off  
☐ Conversion to Injection  
☐ Dispose Water

(Note) Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work)

This well was spud on 12/09/04. Drilled 12-1/4" hole to 502'. Ran 11 jts 9-5/8" J-55 36# csg to 488' KB. Cmted w/ 225 sxs Premium Cmt.

3 - BLM, 2- Utah OG&M, 1 - Denver, 1 - file Word file-server

14. I hereby certify that the foregoing is true and correct.

Signed

Dahn F. Caldwell

Completion Clerk Specialist

Date

12/14/04

(This space for Federal or State office use)

Approved by:

Title

Date

Conditions of approval, if any

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

RECEIVED  
DEC 16 2004

DIV. OF OIL, GAS & MINING

CONFIDENTIAL

## ENTITY ACTION FORM

Operator: QEP Uinta Basin, Inc. Operator Account Number: N 2460  
 Address: 11002 East 17500 South  
city Vernal  
state UT zip 84078 Phone Number: (435) 781-4342

## Well 1

API Number	Well Name		QQ	Sec	Twp	Rng	County
4304735932	RB DS FED 1G 7 10 18		NENE	7	10	18	Uintah
Action Code	Current Entity Number	New Entity Number	Spud Date		Entity Assignment Effective Date		
A	99999	14457	12/9/2004		12/22/04		
Comments: <u>10STC</u> <div style="text-align: center; font-size: 2em; font-weight: bold;">CONFIDENTIAL</div>							

## Well 2

API Number	Well Name		QQ	Sec	Twp	Rng	County
Action Code	Current Entity Number	New Entity Number	Spud Date		Entity Assignment Effective Date		
Comments:							

## Well 3

API Number	Well Name		QQ	Sec	Twp	Rng	County
Action Code	Current Entity Number	New Entity Number	Spud Date		Entity Assignment Effective Date		
Comments:							

## ACTION CODES:

- A - Establish new entity for new well (single well only)
- B - Add new well to existing entity (group or unit well)
- C - Re-assign well from one existing entity to another existing entity
- D - Re-assign well from one existing entity to a new entity
- E - Other (Explain in 'comments' section)

Dahn F. Caldwell

Name (Please Print)

Signature

Clerk Specialist

Title

12/14/2004

Date

RECEIVED  
DEC 16 2004  
DIV. OF OIL, GAS & MINING

CONFIDENTIAL

WEEKLY OPERATIONS REPORT – December 16, 2004UINTA BASINT105 R18E S-07  
43-047-35932"Drilling Activity – Operated" 12-16-04

- Patterson #51 – SG 10MU-23-8-22 – Drilling at 5,645 feet. PTD 8,500'. Next well WV 14MU-10-8-21, PTD 10,300'.
- Patterson #52 – RB DS Fed 1G-7-10-18 – Stuck and fishing at 2,714 feet. Ran free point, backed off and recovered 5 drill collars. Currently tripping out to pick up wash pipe. 348 feet of fish to recover. PTD 5,100'. Next well EHX 11MU-25-8-22, PTD 8,700'.
- True #26 – NBE 15ML-17-9-23 – Drilling at 6,330 feet. PBT 9,150'. Next well NBE 11ML-17-9-23, PTD 9,150'.

Completions & New Wells to Sales 12-16-04:

**GB 14M-28-8-21:** (77.5% WI) Main Blackhawk & Blackhawk Strays are flowing to sales since Sunday Oct. 3<sup>rd</sup>. Currently flowing to sales @ 4.2 Mmcfd @ 3553 psi FTP on a 18/64" choke w/ 78 BWPD & 4 BOPD; sep. dumps were adjusted to better sep. liquids from carrying over.

**FR 9P-36-14-19:** (100% WI) CBL looked good up to 8300' which is above all intended completion intervals; P-tested csg. to 8500 psi; tested 3 'upper' Lower Wingate intervals, dry gas @ 200 psi FTP on a 32/64" which is 1.25 Mmcfd; set comp. BP and perf. 2 Upper Wingate intervals; TIH w/ pkr.; broke down w/ 2% KCl; swab well in – currently flowing @ 0 psi on a wide-open choke w/ light to heavy mist and 5 bbls. water per hour (45 bbls. over load).

**RWU 34-23AG:** (100% WI) Acidized Gu6 and Gt7 Mon. w/ 1500 gal. 15% HCl; rec. all load; well was swabbing 15 bbls. fluid per hour w/ 50% oil cut as of Tues.; set CIBP over wet Ox3; Mu6, Ly2, Lu6, Gt7 & Gu6 will be left open; tbg. was run Weds.; rods & pump will be run today.

**RWU 32-27AG:** (100% WI) Mt7 zone basically wet; moved uphole to Lx3; perf'd and broke down Mon.; acidized w/ 1000 gal. 15% HCl; 25 bbls. entry ON; swabbing @ 1.5 BFPH w/ 100% oil; will move uphole.

**NBE 10ML-10-9-23:** (43.75% WI) Last 3 frac (out of 3 LMV, 1 UMW and 1 Wasatch) were put away on Friday; well flowed until dry gas Sat. night and was SI; FCP was 1000 psi on a 18/64"; 2375 psi SICP Mon. a.m.; lubed in comp. BP & TIH on Mon.; drilled plugs Tues.; tbg. landed and well kicked off flowing Tues. p.m.; went to sales late Weds.

**SG 4MU-23-8-22:** (43.75% WI) Frac'd. 2 MV and 2 Wasatch stages on Tues.; flowed all night; rec. 440 bbls. load; 3100 BLLTR; lube in comp. BP Weds.; drilling plugs today.

**WEEKLY OPERATIONS REPORT – March 24, 2005**

QEP

**UINTA BASIN**T105 R18E S-07  
43-047-35932**“Drilling Activity – Operated” 3-24-05**

- Patterson #51 – WRU EIH 11ML-24-8-22 drilling at 6,982 feet back to vertical. Will trip today to lay down directional tools. 7” intermediate casing set at 4,155’. PTD 10,600’ MD. Next well WRU EIH 12ML-24-8-22 directional pad well. PTD 10,391’ TVD, 10,430’ MD.
- Patterson #52 – WV 3G-10-8-21 drilling at 7,578 feet horizontal in zone. Drill one 2,600’ lateral. PTD 8,275’. Next well RW 12-36B horizontal well with two 2,100’ laterals.
- True #26 – SG 8MU-11-8-22 drilling at 7,896 feet. PTD 9,500’. Next well SG 7MU-11-8-22. PTD 9,500’.
- Caza #57 – WV 1MU-16-8-21 rig moving out of Wamsutter, WY today. Should all be on location tomorrow. Spud late next week after draw works are repaired.
- Caza #24 – GB 3M-27-8-21 installing wear bushing and getting ready to pick up BHA to drill out CBP after repairing surface casing. Current TD is 7,367’. Next casing point 10,300’. PTD 12,900’. Next well - move to Pinedale.
- Patterson #413 – WRU GB 5M-9-8-22 drilling at 7,950 feet. Next casing point 10,500’. PTD 13,100’. Next well – move to Pinedale.

**“Completions & New Wells to Sales” 3-25-05:**

**FR 9P-36-14-19:** (100% WI) Flow well (Dakota, Cedar Mtn., Morrison & Entrada) up backside to sales; DOFP was Sat. Feb. 12<sup>th</sup>; Comet shut down downstream compressor this week, which allowed us to flow unrestricted against the higher LP; currently flowing 4.31 Mmcfd @ 1695 psi FCP on a 22/64” choke; will monitor FCP over weekend and open up to higher volume Monday; QEP lease compressor scheduled to be on site in 2 ½ weeks.

**WV 14M-11-8-21:** (100% WI) Frac'd Mancos B, Mancos Shale, Blackhawk, Lower Mesa Verde, & Middle Mesa Verde w/ 640,000 lbs 20/40 Econoprop, 100,000 lbs 30/50 Econoprop, & 25,000 lbs 100 Mesh sand; flowing @ 1900 psi FCP on a 40/64” & a 32/64” ck. after drilling top kill plug; do not want to overpressure tbg. and pump-off bit to drill the 4 flow thru plugs while circ., so landed tbg. in BOP's and will take well to sales today to deplete some pressure and ensure smooth operation drilling plugs in near future; have one 5 Mmcfd sep. on location; will MI another soon and need QGM dedicated high pres. line to be installed to open well up beyond 5 Mmcfd.

**GHU 19 RHZ:** (100% WI) Pumped 4000 gal. 28% gelled acid Weds.; well pumping 121 BO in first 20 hrs. post-treatment load; 6 BWPD & 32 mcfpd.

**DS 14G-8-10-18:** (71.875% WI) Started PU Tues.; currently making 48 BOPD, 17 BWPD & 0 mcfpd.

**DS 14G-7-10-18:** (71.875% WI) Frac'd Green River 'C' Shoal Thurs.; frac. went well.

**WRU EIH 10MU-23-8-22:** (36% WI) 8 stages frac'd. Weds. into Thurs.; FCP Friday a.m. was 1050# on a 24/64” w/ 30 BWPH.

**EIHX 14MU-25-8-22:** (100% WI) 2 stages frac'd. Tues.; perf guns got stuck coming out of hole for 3<sup>rd</sup> stage; have successfully fished; finishing fracs today (Friday).

**WH 15G-10-7-24:** (100% WI) MIRU yesterday.

**WEEKLY OPERATIONS REPORT – March 31, 2005**

QEP

**UINTA BASIN**T10S R18E S07  
43-047-35932**“Drilling Activity – Operated” 3-31-05**

- Patterson #51 – WRU EIH 11ML-24-8-22 directionally drilling at 8,165 feet to correct deviation problem. PTD 10,600' MD. Next well WRU EIH 12ML-24-8-22 directional pad well. PTD 10,391' TVD, 10,430' MD.
- Patterson #52 – RW 12-36B (240) set oriented lug packer, currently gyroing packer. Will pick up whipstock to mill first window. Drill two 2,600' laterals. Next well RW 12-35B horizontal well with two 2,100' laterals.
- True #26 – SG 7MU-11-8-22 drilling at 2,830 feet. PTD 9,500'. Next well SG 2MU-11-8-22. PTD 9,550'.
- Caza #57 – WV 1MU-16-8-21 rigging up waiting on draw works. Should be on location Saturday. Should spud Sunday or Monday. PTD 9,985'. Next well WRU EIH 14MU-35-8-22. PTD 8,200'.
- Caza #24 – GB 3M-27-8-21 drilling at 9,793 feet. Intermediate casing point approximately 10,200'. PTD 12,900'. Next well - move to Pinedale.
- Patterson #413 – WRU GB 5M-9-8-22 10,210 feet TD intermediate casing point, running logs. PTD 13,100'. Next well – move to Pinedale.

**“Completions & New Wells to Sales” 3-31-05:**

**FR 9P-36-14-19:** (100% WI) Flow well (Dakota, Cedar Mtn., Morrison & Entrada) up backside to sales; DOFP was Sat. Feb. 12<sup>th</sup>; currently flowing 4.61 Mmcfd @ 1533 psi FCP on a 30/64" choke; plan to go to 7 Mmcfd rate Friday.

**WV 14M-11-8-21:** (100% WI) Frac'd Mancos B, Mancos Shale, Blackhawk, Lower Mesa Verde, & Middle Mesa Verde w/ 640,000 lbs 20/40 Econoprop, 100,000 lbs 30/50 Econoprop, & 25,000 lbs 100 Mesh sand; flowing @ 1900 psi FCP on a 40/64" & a 32/64" ck. after drilling top kill plug; landed tbg. in BOP's and took well to sales last Friday to deplete off some pressure; currently flowing to sales @ 1.5 Mmcfd @ 1080 psi FCP on a 39/64" ck. w/ 23 BOPD & 583 BOPD; pressure was relatively stable first 4 days (3500+ psi FCP) and then has abruptly dropped last few days; appears some flow-thru frac plugs have probably plugged off; will MI rig ASAP to drill out plugs and get everything open again.

**DS 1G-7-10-18:** (71.875% WI) Frac'd Green River 'C' Shoal; frac. went well; setting PU Friday (it needed some repair).

**WH 15G-10-7-24:** (100% WI) Pt7 zone wet; moved uphole to Oy2.

**EIHX 15MU-25-8-22, EIHX 9MU-25-8-22, & GB 4MU-36-8-21** all in various stages of fracing.

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
Budget Bureau No. 1004-0135  
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir  
Use "APPLICATION FOR PERMIT—" for such proposals

**SUBMIT IN TRIPLICATE**

1. Type of Well Oil <input type="checkbox"/> Gas <input type="checkbox"/> <input checked="" type="checkbox"/> Well <input type="checkbox"/> Well <input type="checkbox"/> Other	5. Lease Designation and Serial No. <b>UTU 81003</b>
2. Name of Operator <b>QEP, UINTA BASIN, INC.</b>	6. If Indian, Allottee or Tribe Name <b>N/A</b>
3. Address and Telephone No. <b>11002 E. 17500 S. VERNAL, UT 84078-8526</b>	7. If Unit or CA, Agreement Designation <b>WILKIN RIDGE</b>
Contact: <b>ann.petrik@questar.com</b> <b>435-781-4306 Fax 435-781-4323</b>	8. Well Name and No. <b>RB DS FED 1G 7 10 18</b>
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) <b>NENE, Sec 7-T10S-R18E, 609' FNL, 699' FEL</b>	9. API Well No. <b>43-047-35932</b>
	10. Field and Pool, or Exploratory Area <b>UNDESIGNATED</b>
	11. County or Parish, State <b>UINTAH COUNTY, UTAH</b>

**CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA**

TYPE OF SUBMISSION	TYPE OF ACTION
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Abandonment
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Recompletion
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Plugging Back
	<input type="checkbox"/> Casing Repair
	<input type="checkbox"/> Altering Casing
	<input checked="" type="checkbox"/> Other <b>DOFP</b>
	<input type="checkbox"/> Change of Plans
	<input type="checkbox"/> New Construction
	<input type="checkbox"/> Non-Routine Fracturing
	<input type="checkbox"/> Water Shut-Off
	<input type="checkbox"/> Conversion to Injection
	<input type="checkbox"/> Dispose Water

(Note) Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work)

**THIS WELL COMMENCED PRODUCTION ON 4/1/05.**

**PRODUCING FORMATIONS - GREEN RIVER**

RECEIVED  
MAY 09 2005

DIV. OF OIL, GAS & MINING

14. I hereby certify that the foregoing is true and correct. Signed <b>Ann M. Petrik</b>	Title <b>Office Administrator II</b>	Date <b>4/26/05</b>
(This space for Federal or State office use)		
Approved by:	Title	Date
Conditions of approval, if any		

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE

(See other  
instructions on  
reverse side).

Form approved.  
Budget Bureau No. 1004-0137  
Expires August 31, 1985

WELL COMPLETION OR RECOMPLETION REPORT AND LOG \*

1a. TYPE OF WELL OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> DRY <input type="checkbox"/> Other <input type="checkbox"/>		7. UNIT AGREEMENT NAME N/A	
b. TYPE OF COMPLETION NEW WELL <input checked="" type="checkbox"/> WORK OVER <input type="checkbox"/> DEEP-EN <input type="checkbox"/> PLUG BACK <input type="checkbox"/> DIFF. RESVR <input type="checkbox"/> Other <input type="checkbox"/>		8. FARM OR LEASE NAME N/A	
2. NAME OF OPERATOR QEP UINTA BASIN, INC.		9. WELL NO. RB DS FED 1G-7-10-18	
3. ADDRESS OF OPERATOR 11002 E. 17500 S. VERNAL, UT 84078-8526 435-781-4342		10. FIELD AND POOL, OR WILDCAT DESERT SPRINGS	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface NENE, 609' FNL, 699' FEL, S7-T10S-R18E At top rod. interval reported below NENE, 609' FNL, 699' FEL, S7-T10S-R18E At total depth NENE, 609' FNL, 699' FEL, S7-T10S-R18E		11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA S7-T10S-R18E	
14. PERMIT NO. 43-047-35932		DATE ISSUED AUG 12 2005	
12. COUNTY OR PARISH UINTAH		13. STATE UT	
15. DATE SPUN 12/09/2005		16. DATE T.D. REACHED 12/21/2005	
17. DATE COMPL. (Ready to prod.) 04/01/2005		18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* KB	
19. ELEV. CASINGHEAD		20. TOTAL DEPTH, MD & TVD 5346'	
21. PLUG BACK T.D., MD & TVD 5306'		22. IF MULTIPLE COMPL., HOW MANY*	
23. INTERVALS DRILLED BY ROTARY TOOLS CABLE TOOLS		24. PRODUCING INTERVAL(S), OF THIS COMPLETION-TOP, BOTTOM, NAME (MD AND TVD)* 5122' - 5128' GREEN RIVER "C" SHOAL	
25. WAS DIRECTIONAL SURVEY MADE NO		26. TYPE ELECTRIC AND OTHER LOGS RUN SPECTRAL DENSITY/DSN, HRI, CR/CAL	
27. WAS WELL CORED NO		28. CASING RECORD (Report all strings set in well)	
29. LINER RECORD		30. TUBING RECORD	
31. PERFORATION RECORD (Interval, size and number) 5122' - 5128' GREEN RIVER "C" SHOAL		32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC. DEPTH INTERVAL (MD) 5122' - 5128' AMOUNT AND KIND OF MATERIAL USED Frac w/ 31,900# in 15,330 Gals.	
33.* DATE FIRST PRODUCTION 04/01/2005		PRODUCTION METHOD (Flowing, gas lift, pumping-size and type of pump) FLOWING	
WELL STATUS (Producing or shut-in) PRODUCING		DATE OF TEST 04/06/2005	
HOURS TESTED 24		CHOKE SIZE N/A	
PROD'N FOR TEST PERIOD OIL-BBL. 11		GAS-MCF 0	
WATER-BBL. 0		GAS-OIL RATIO	
FLOW. TUBING PRESS. 25#		CASING PRESSURE 25#	
CALCULATED 24-HOUR RATE OIL-BBL. GAS-MCF WATER-BBL.		OIL GRAVITY-API (CORR.)	
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) SOLD		TEST WITNESSED BY	
35. LIST OF ATTACHMENTS N/A		36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records	
SIGNED JIM SIMONTON		COMPLETION SUPERVISOR	
DATE		08/10/2005	

(See Instructions and Spaces for Additional Data on Reverse Side)

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37. SUMMARY OF POROUS ZONES: (Show all important zones of porosity and contents thereof; cored intervals; and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and recoveries):

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.
UINTA FM.	SURFACE		Approximate top
GREEN RIVER FM	1100'		Elog high resistivity marker bed
CASTLE PEAK MBR	4519'		Dense non-reservoir limestone
UTELAND BUTTES IS	4957'		Not expecting reservior sand at this location
A' SAND INTERVAL	5005'		Primary objective: ostracodal dolostone
C' SHOAL LIME	5123'		
TD	5346'		

38. GEOLOGIC MARKERS

NAME	TOP	
	MEAS. DEPTH	TRUE VERT. DEPTH
UINTA FM.	SURFACE	
GREEN RIVER FM	1100'	
CASTLE PEAK MBR	4519'	
UTELAND BUTTES IS	4957'	
A' SAND INTERVAL	5005'	
C' SHOAL LIME	5123'	
TD	5346'	

CONFIDENTIAL

**Division of Oil, Gas and Mining**  
**OPERATOR CHANGE WORKSHEET**

**ROUTING**

1. DJJ  
2. CDW

**Change of Operator (Well Sold)**

**X - Operator Name Change/Merger**

The operator of the well(s) listed below has changed, effective:

**1/1/2007**

**FROM: (Old Operator):**

N2460-QEP Uinta Basin, Inc.  
1050 17th St, Suite 500  
Denver, CO 80265

Phone: 1 (303) 672-6900

**TO: ( New Operator):**

N5085-Questar E&P Company  
1050 17th St, Suite 500  
Denver, CO 80265

Phone: 1 (303) 672-6900

**CA No.**

**Unit:**

WELL NAME	SEC	TWN	RNG	API NO	ENTITY NO	LEASE TYPE	WELL TYPE	WELL STATUS
SEE ATTACHED LISTS				*				

**OPERATOR CHANGES DOCUMENTATION**

Enter date after each listed item is completed

- (R649-8-10) Sundry or legal documentation was received from the **FORMER** operator on: 4/19/2007
- (R649-8-10) Sundry or legal documentation was received from the **NEW** operator on: 4/16/2007
- The new company was checked on the **Department of Commerce, Division of Corporations Database** on: 1/31/2005
- Is the new operator registered in the State of Utah: Business Number: 764611-0143
- (R649-9-2)Waste Management Plan has been received on: IN PLACE
- Inspections of LA PA state/fee well sites complete on: n/a
- Reports current for Production/Disposition & Sundries on: n/a
- Federal and Indian Lease Wells:** The BLM and or the BIA has approved the merger, name change, or operator change for all wells listed on Federal or Indian leases on: BLM 4/23/2007 BIA
- Federal and Indian Units:**  
The BLM or BIA has approved the successor of unit operator for wells listed on: 4/23/2007
- Federal and Indian Communization Agreements ("CA"):**  
The BLM or BIA has approved the operator for all wells listed within a CA on: \_\_\_\_\_
- Underground Injection Control ("UIC")** The Division has approved UIC Form 5, **Transfer of Authority to Inject**, for the enhanced/secondary recovery unit/project for the water disposal well(s) listed on: \_\_\_\_\_

**DATA ENTRY:**

- Changes entered in the **Oil and Gas Database** on: 4/30/2007 and 5/15/2007
- Changes have been entered on the **Monthly Operator Change Spread Sheet** on: 4/30/2007 and 5/15/2007
- Bond information entered in RBDMS on: 4/30/2007 and 5/15/2007
- Fee/State wells attached to bond in RBDMS on: 4/30/2007 and 5/15/2007
- Injection Projects to new operator in RBDMS on: 4/30/2007 and 5/15/2007
- Receipt of Acceptance of Drilling Procedures for APD/New on: n/a

**BOND VERIFICATION:**

- Federal well(s) covered by Bond Number: ESB000024
- Indian well(s) covered by Bond Number: 799446
- (R649-3-1) The **NEW** operator of any state/fee well(s) listed covered by Bond Number 965003033
- The **FORMER** operator has requested a release of liability from their bond on: n/a

**LEASE INTEREST OWNER NOTIFICATION:**

- (R649-2-10) The **NEW** operator of the fee wells has been contacted and informed by a letter from the Division of their responsibility to notify all interest owners of this change on: n/a

**COMMENTS: THIS IS A COMPANY NAME CHANGE.**

**SOME WELL NAMES HAVE BEEN CHANGED AS REQUESTED**

Original Well Name	Well Name & No.	Q/Q	SEC	TWP	RNG	API	Entity	Lease	Well Type	Status
FEDERAL 2-29-7-22	FEDERAL 2-29-7-22	NESW	29	070S	220E	4304715423	5266	Federal	GW	S
UTAH FED D-1	UTAH FED D-1	SWSW	14	070S	240E	4304715936	10699	Federal	GW	S
UTAH FED D-2	UTAH FED D-2	NESW	25	070S	240E	4304715937	9295	Federal	GW	S
PRINCE 1	PRINCE 1	SWSW	10	070S	240E	4304716199	7035	Federal	GW	P
UTAH FED D-4	UTAH FED D-4	SWSE	14	070S	240E	4304731215	9297	Federal	GW	S
FZ BB 1	<b>BRENNAN FZ-BB1</b>	NESE	20	070S	210E	4304731805	10952	Federal	GW	TA
EAST COYOTE FED 14-4-8-25	EAST COYOTE FED 14-4-8-25	SESW	04	080S	250E	4304732493	11630	Federal	OW	P
F S PRINCE 4	<b>PRINCE 4</b>	SWSW	03	070S	240E	4304732677	7035	Federal	OW	P
GYPSUM HILLS 21	<b>GH 21 WG</b>	SWSW	21	080S	210E	4304732692	11819	Federal	GW	P
SAGE GROUSE FED 6-14-8-22	<b>OU SG 6 14 8 22</b>	SESW	14	080S	220E	4304732746	11944	Federal	GW	P
GYPSUM HILLS 22WG	<b>GH 22 WG</b>	SWNW	22	080S	210E	4304732818	12336	Federal	GW	P
SAGE GROUSE 12A-14-8-22	SAGE GROUSE 12A-14-8-22	NWSW	14	080S	220E	4304733177	12524	Federal	GW	S
OU GB 12W-20-8-22	OU GB 12W-20-8-22	NWSW	20	080S	220E	4304733249	13488	Federal	GW	P
GBU 15-18-8-22	<b>OU GB 15 18 8 22</b>	SWSE	18	080S	220E	4304733364	12690	Federal	GW	P
GLEN BENCH FED 3W-17-8-22	<b>OU GB 3W 17 8 22</b>	NENW	17	080S	220E	4304733513	12950	Federal	GW	P
GLEN BENCH FED 5W-17-8-22	<b>OU GB 5W 17 8 22</b>	SWNW	17	080S	220E	4304733514	12873	Federal	GW	P
WV FED 9W-8-8-22	<b>WV 9W 8 8 22</b>	NESE	08	080S	220E	4304733515	13395	Federal	GW	P
GB FED 9W-18-8-22	<b>OU GB 9W 18 8 22</b>	NESE	18	080S	220E	4304733516	12997	Federal	GW	P
OU GB 3W-20-8-22	OU GB 3W-20-8-22	NENW	20	080S	220E	4304733526	13514	Federal	GW	P
GLEN BENCH 12W-30-8-22	<b>OU GB 12W 30 8 22</b>	NWSW	30	080S	220E	4304733670	13380	Federal	GW	P
WV FU 10W-8-8-22	<b>WV 10W 8 8 22</b>	NWSE	08	080S	220E	4304733814	13450	Federal	GW	P
GH 7W-21-8-21	GH 7W-21-8-21	SWNE	21	080S	210E	4304733845	13050	Federal	GW	P
GH 9W-21-8-21	GH 9W-21-8-21	NESE	21	080S	210E	4304733846	13074	Federal	GW	P
GH 11W-21-8-21	GH 11W-21-8-21	NESW	21	080S	210E	4304733847	13049	Federal	GW	P
GH 15W-21-8-21	GH 15W-21-8-21	SWSE	21	080S	210E	4304733848	13051	Federal	GW	P
WV 7W-22-8-21	WV 7W-22-8-21	SWNE	22	080S	210E	4304733907	13230	Federal	GW	P
WV 9W-23-8-21	WV 9W-23-8-21	NESE	23	080S	210E	4304733909	13160	Federal	GW	P
GHU 14W-20-8-21	<b>GH 14W 20 8 21</b>	SESW	20	080S	210E	4304733915	13073	Federal	GW	P
GB 4W-30-8-22	<b>OU GB 4W 30 8 22</b>	NWNW	30	080S	220E	4304733945	13372	Federal	GW	P
GB 9W-19-8-22	<b>OU GB 9W 19 8 22</b>	NESE	19	080S	220E	4304733946	13393	Federal	GW	P
GB 10W-30-8-22	<b>OU GB 10W 30 8 22</b>	NWSE	30	080S	220E	4304733947	13389	Federal	GW	P
GB 12W-19-8-22	<b>OU GB 12W 19 8 22</b>	NWSW	19	080S	220E	4304733948	13388	Federal	GW	P
GB 9W-25-8-21	GB 9W-25-8-21	NESE	25	080S	210E	4304733960	13390	Federal	GW	P
WV 1W-5-8-22	<b>SU 1W 5 8 22</b>	NENE	05	080S	220E	4304733985	13369	Federal	GW	P
WV 3W-5-8-22	<b>SU 3W 5 8 22</b>	NENW	05	080S	220E	4304733987	13321	Federal	OW	S
WV 7W-5-8-22	<b>SU 7W 5 8 22</b>	SWNE	05	080S	220E	4304733988	13235	Federal	GW	P
WV 9W-5-8-22	<b>SU 9W 5 8 22</b>	NESE	05	080S	220E	4304733990	13238	Federal	GW	P
WV 11W-5-8-22	<b>SU 11W 5 8 22</b>	NESW	05	080S	220E	4304733992	13239	Federal	GW	S
WV 13W-5-8-22	<b>SU 13W 5 8 22</b>	SWSW	05	080S	220E	4304733994	13236	Federal	GW	S
WV 15W-5-8-22	<b>SU 15W 5 8 22</b>	SWSE	05	080S	220E	4304733996	13240	Federal	GW	P
WV 8W-8-8-22	WV 8W-8-8-22	SENE	08	080S	220E	4304734005	13320	Federal	GW	P
WV 14W-8-8-22	WV 14W-8-8-22	SESW	08	080S	220E	4304734007	13322	Federal	GW	P

Original Well Name	Well Name & No.	Q/Q	SEC	TWP	RNG	API	Entity	Lease	Well Type	Status
OU GB 6W-20-8-22	OU GB 6W-20-8-22	SENW	20	080S	220E	4304734018	13518	Federal	GW	P
GB 5W-30-8-22	<b>OU GB 5W 30 8 22</b>	SWNW	30	080S	220E	4304734025	13502	Federal	GW	P
GB 11W-20-8-22	<b>OU GB 11W 20 8 22</b>	NESW	20	080S	220E	4304734039	13413	Federal	GW	P
OU GB 4W-20-8-22	OU GB 4W-20-8-22	NWNW	20	080S	220E	4304734043	13520	Federal	GW	P
GH 5W-21-8-21	GH 5W-21-8-21	SWNW	21	080S	210E	4304734147	13387	Federal	GW	P
GH 6W-21-8-21	GH 6W-21-8-21	SENW	21	080S	210E	4304734148	13371	Federal	GW	P
GH 8W-21-8-21	GH 8W-21-8-21	SENE	21	080S	210E	4304734149	13293	Federal	GW	P
GH 10W-20-8-21	GH 10W-20-8-21	NWSE	20	080S	210E	4304734151	13328	Federal	GW	P
GH 10W-21-8-21	GH 10W-21-8-21	NWSE	21	080S	210E	4304734152	13378	Federal	GW	P
GH 12W-21-8-21	GH 12W-21-8-21	NWSW	21	080S	210E	4304734153	13294	Federal	GW	P
GH 14W-21-8-21	GH 14W-21-8-21	SESW	21	080S	210E	4304734154	13292	Federal	GW	P
GH 16W-21-8-21	GH 16W-21-8-21	SESE	21	080S	210E	4304734157	13329	Federal	GW	P
GB 5W-20-8-22	<b>OU GB 5W 20 8 22</b>	SWNW	20	080S	220E	4304734209	13414	Federal	GW	P
WV 6W-22-8-21	WV 6W-22-8-21	SENW	22	080S	210E	4304734272	13379	Federal	GW	P
GH 1W-20-8-21	GH 1W-20-8-21	NENE	20	080S	210E	4304734327	13451	Federal	GW	P
GH 2W-20-8-21	GH 2W-20-8-21	NWNE	20	080S	210E	4304734328	13527	Federal	GW	P
GH 3W-20-8-21	GH 3W-20-8-21	NENW	20	080S	210E	4304734329	13728	Federal	GW	P
GH 7W-20-8-21	GH 7W-20-8-21	SWNE	20	080S	210E	4304734332	13537	Federal	GW	P
GH 9W-20-8-21	GH 9W-20-8-21	NESE	20	080S	210E	4304734333	13411	Federal	GW	P
GH 11W-20-8-21	GH 11W-20-8-21	NESW	20	080S	210E	4304734334	13410	Federal	GW	P
GH 15W-20-8-21	GH 15W-20-8-21	SWSE	20	080S	210E	4304734335	13407	Federal	GW	P
GH 16W-20-8-21	GH 16W-20-8-21	SESE	20	080S	210E	4304734336	13501	Federal	GW	P
WV 12W-23-8-21	WV 12W-23-8-21	NWSW	23	080S	210E	4304734343	13430	Federal	GW	P
OU GB 13W-20-8-22	OU GB 13W-20-8-22	SWSW	20	080S	220E	4304734348	13495	Federal	GW	P
OU GB 14W-20-8-22	OU GB 14W-20-8-22	SESW	20	080S	220E	4304734349	13507	Federal	GW	P
OU GB 11W-29-8-22	OU GB 11W-29-8-22	NESW	29	080S	220E	4304734350	13526	Federal	GW	P
WV 11G-5-8-22	<b>WVX 11G 5 8 22</b>	NESW	05	080S	220E	4304734388	13422	Federal	OW	P
WV 13G-5-8-22	<b>WVX 13G 5 8 22</b>	SWSW	05	080S	220E	4304734389	13738	Federal	OW	P
WV 15G-5-8-22	<b>WVX 15G 5 8 22</b>	SWSE	05	080S	220E	4304734390	13459	Federal	OW	P
SU BRENNAN W 15W-18-7-22	SU BRENNAN W 15W-18-7-22	SWSE	18	070S	220E	4304734403	13442	Federal	GW	TA
STIRRUP U 16W-5-8-22	<b>SU 16W 5 8 22</b>	SESE	05	080S	220E	4304734446	13654	Federal	GW	P
STIRRUP U 2W-5-8-22	<b>SU 2W 5 8 22</b>	NWNE	05	080S	220E	4304734455	13700	Federal	GW	P
WV 10W-5-8-22	<b>SU 10W 5 8 22</b>	NWSE	05	080S	220E	4304734456	13540	Federal	GW	P
WV 16W-8-8-22	WV 16W-8-8-22	SESE	08	080S	220E	4304734470	13508	Federal	GW	P
GB 16WX-30-8-22	<b>OU GB 16WX 30 8 22</b>	SESE	30	080S	220E	4304734506	13431	Federal	GW	P
OU GB 1W-19-8-22	OU GB 1W-19-8-22	NENE	19	080S	220E	4304734512	13469	Federal	GW	P
OU GB 2W-19-8-22	OU GB 2W-19-8-22	NWNE	19	080S	220E	4304734513	13461	Federal	GW	P
OU GB 5W-19-8-22	OU GB 5W-19-8-22	SWNW	19	080S	220E	4304734514	13460	Federal	GW	P
OU GB 7W-19-8-22	OU GB 7W-19-8-22	SWNE	19	080S	220E	4304734515	13462	Federal	GW	P
OU GB 8W-19-8-22	OU GB 8W-19-8-22	SENE	19	080S	220E	4304734516	13489	Federal	GW	P
OU GB 11W-19-8-22	OU GB 11W-19-8-22	NESW	19	080S	220E	4304734517	13467	Federal	GW	P
OU GB 16W-19-8-22	OU GB 16W-19-8-22	SESE	19	080S	220E	4304734522	13476	Federal	GW	P

Original Well Name	Well Name & No.	Q/Q	SEC	TWP	RNG	API	Entity	Lease	Well Type	Status
GB 1W-30-8-22	OU GB 1W 30 8 22	NENE	30	080S	220E	4304734528	13487	Federal	GW	P
GB 3W-30-8-22	OU GB 3W 30 8 22	NENW	30	080S	220E	4304734529	13493	Federal	GW	P
GB 6W-30-8-22	OU GB 6W 30 8 22	SENE	30	080S	220E	4304734530	13519	Federal	GW	P
GB 7W-30-8-22	OU GB 7W 30 8 22	SWNE	30	080S	220E	4304734531	13494	Federal	GW	P
GB 8W-30-8-22	OU GB 8W 30 8 22	SENE	30	080S	220E	4304734532	13483	Federal	GW	P
GB 9W-30-8-22	OU GB 9W 30 8 22	NESE	30	080S	220E	4304734533	13500	Federal	GW	P
OU GB 6W-19-8-22	OU GB 6W-19-8-22	SENE	19	080S	220E	4304734534	13475	Federal	GW	P
OU GB 10W-19-8-22	OU GB 10W-19-8-22	NWSE	19	080S	220E	4304734535	13479	Federal	GW	P
OU GB 13W-19-8-22	OU GB 13W-19-8-22	SWSW	19	080S	220E	4304734536	13478	Federal	GW	P
OU GB 14W-19-8-22	OU GB 14W-19-8-22	SESW	19	080S	220E	4304734537	13484	Federal	GW	P
OU GB 15W-19-8-22	OU GB 15W-19-8-22	SWSE	19	080S	220E	4304734538	13482	Federal	GW	P
OU GB 12W-17-8-22	OU GB 12W-17-8-22	NWSW	17	080S	220E	4304734542	13543	Federal	GW	P
OU GB 6W-17-8-22	OU GB 6W-17-8-22	SENE	17	080S	220E	4304734543	13536	Federal	GW	P
OU GB 13W-17-8-22	OU GB 13W-17-8-22	SWSW	17	080S	220E	4304734544	13547	Federal	GW	P
OU GB 6W-29-8-22	OU GB 6W-29-8-22	SENE	29	080S	220E	4304734545	13535	Federal	GW	P
OU GB 3W-29-8-22	OU GB 3W-29-8-22	NENW	29	080S	220E	4304734546	13509	Federal	GW	P
OU GB 13W-29-8-22	OU GB 13W-29-8-22	SWSW	29	080S	220E	4304734547	13506	Federal	GW	P
OU GB 4W-29-8-22	OU GB 4W-29-8-22	NWNW	29	080S	220E	4304734548	13534	Federal	GW	P
OU GB 5W-29-8-22	OU GB 5W-29-8-22	SWNW	29	080S	220E	4304734549	13505	Federal	GW	P
OU GB 14W-17-8-22	OU GB 14W-17-8-22	SESW	17	080S	220E	4304734550	13550	Federal	GW	P
OU GB 11W-17-8-22	OU GB 11W-17-8-22	NESW	17	080S	220E	4304734553	13671	Federal	GW	P
OU GB 14W-29-8-22	OU GB 14W-29-8-22	SESW	29	080S	220E	4304734554	13528	Federal	GW	P
OU GB 2W-17-8-22	OU GB 2W-17-8-22	NWNE	17	080S	220E	4304734559	13539	Federal	GW	P
OU GB 7W-17-8-22	OU GB 7W-17-8-22	SWNE	17	080S	220E	4304734560	13599	Federal	GW	P
OU GB 16W-18-8-22	OU GB 16W-18-8-22	SESE	18	080S	220E	4304734563	13559	Federal	GW	P
OU GB 1W-29-8-22	OU GB 1W-29-8-22	NENE	29	080S	220E	4304734573	13562	Federal	GW	P
OU GB 7W-29-8-22	OU GB 7W-29-8-22	SWNE	29	080S	220E	4304734574	13564	Federal	GW	P
OU GB 8W-29-8-22	OU GB 8W-29-8-22	SENE	29	080S	220E	4304734575	13609	Federal	GW	S
OU GB 9W-29-8-22	OU GB 9W-29-8-22	NESE	29	080S	220E	4304734576	13551	Federal	GW	P
OU GB 10W-29-8-22	OU GB 10W-29-8-22	NWSE	29	080S	220E	4304734577	13594	Federal	GW	P
OU GB 15W-29-8-22	OU GB 15W-29-8-22	SWSE	29	080S	220E	4304734578	13569	Federal	GW	P
OU GB 2W-20-8-22	OU GB 2W-20-8-22	NWNE	20	080S	220E	4304734599	13664	Federal	GW	P
OU GB 2W-29-8-22	OU GB 2W-29-8-22	NWNE	29	080S	220E	4304734600	13691	Federal	GW	P
OU GB 15W-17-8-22	OU GB 15W-17-8-22	SWSE	17	080S	220E	4304734601	13632	Federal	GW	P
OU GB 16W-17-8-22	OU GB 16W-17-8-22	SESE	17	080S	220E	4304734602	13639	Federal	GW	P
OU GB 16W-29-8-22	OU GB 16W-29-8-22	SESE	29	080S	220E	4304734603	13610	Federal	GW	P
OU GB 1W-20-8-22	OU GB 1W-20-8-22	NENE	20	080S	220E	4304734604	13612	Federal	GW	P
OU GB 1W-17-8-22	OU GB 1W-17-8-22	NENE	17	080S	220E	4304734623	13701	Federal	GW	P
OU GB 9W-17-8-22	OU GB 9W-17-8-22	NESE	17	080S	220E	4304734624	13663	Federal	GW	P
OU GB 10W-17-8-22	OU GB 10W-17-8-22	NWSE	17	080S	220E	4304734625	13684	Federal	GW	P
OU GB 9W-20-8-22	OU GB 9W-20-8-22	NESE	20	080S	220E	4304734630	13637	Federal	GW	P
OU GB 10W-20-8-22	OU GB 10W-20-8-22	NWSE	20	080S	220E	4304734631	13682	Federal	GW	P

Original Well Name	Well Name & No.	Q/Q	SEC	TWP	RNG	API	Entity	Lease	Well Type	Status
OU GB 15W-20-8-22	OU GB 15W-20-8-22	SWSE	20	080S	220E	4304734632	13613	Federal	GW	P
WIH 15MU-21-8-22	<b>OU WIH 15MU 21 8 22</b>	SWSE	21	080S	220E	4304734634	13991	Federal	GW	P
OU WIH 13W-21-8-22	OU WIH 13W-21-8-22	SWSW	21	080S	220E	4304734646	13745	Federal	GW	P
OU GB 11W-15-8-22	OU GB 11W-15-8-22	NESW	15	080S	220E	4304734648	13822	Federal	GW	P
OU GB 13W-9-8-22	OU GB 13W-9-8-22	SWSW	09	080S	220E	4304734654	13706	Federal	GW	P
OU WIH 14W-21-8-22	OU WIH 14W-21-8-22	SESW	21	080S	220E	4304734664	13720	Federal	GW	P
OU GB 12WX-29-8-22	OU GB 12WX-29-8-22	NWSW	29	080S	220E	4304734668	13555	Federal	GW	P
OU WIH 10W-21-8-22	OU WIH 10W-21-8-22	NWSE	21	080S	220E	4304734681	13662	Federal	GW	P
OU GB 4G-21-8-22	OU GB 4G-21-8-22	NWNW	21	080S	220E	4304734685	13772	Federal	OW	P
OU GB 3W-21-8-22	OU GB 3W-21-8-22	NENW	21	080S	220E	4304734686	13746	Federal	GW	P
OU GB 16SG-30-8-22	OU GB 16SG-30-8-22	SESE	30	080S	220E	4304734688	13593	Federal	GW	S
OU WIH 7W-21-8-22	OU WIH 7W-21-8-22	SWNE	21	080S	220E	4304734689	13716	Federal	GW	P
OU GB 5W-21-8-22	OU GB 5W-21-8-22	SWNW	21	080S	220E	4304734690	13770	Federal	GW	P
WIH 1MU-21-8-22	WIH 1MU-21-8-22	NENE	21	080S	220E	4304734693	14001	Federal	GW	P
OU GB 5G-19-8-22	OU GB 5G-19-8-22	SWNW	19	080S	220E	4304734695	13786	Federal	OW	P
OU GB 7W-20-8-22	OU GB 7W-20-8-22	SWNE	20	080S	220E	4304734705	13710	Federal	GW	P
OU SG 14W-15-8-22	OU SG 14W-15-8-22	SESW	15	080S	220E	4304734710	13821	Federal	GW	P
OU SG 15W-15-8-22	OU SG 15W-15-8-22	SWSE	15	080S	220E	4304734711	13790	Federal	GW	P
OU SG 16W-15-8-22	OU SG 16W-15-8-22	SESE	15	080S	220E	4304734712	13820	Federal	GW	P
OU SG 4W-15-8-22	OU SG 4W-15-8-22	NWNW	15	080S	220E	4304734713	13775	Federal	GW	P
OU SG 12W-15-8-22	OU SG 12W-15-8-22	NWSW	15	080S	220E	4304734714	13838	Federal	GW	P
OU GB 5MU-15-8-22	OU GB 5MU-15-8-22	SWNW	15	080S	220E	4304734715	13900	Federal	GW	P
OU SG 8W-15-8-22	OU SG 8W-15-8-22	SENE	15	080S	220E	4304734717	13819	Federal	GW	P
OU SG 9W-15-8-22	OU SG 9W-15-8-22	NESE	15	080S	220E	4304734718	13773	Federal	GW	P
OU SG 10W-15-8-22	OU SG 10W-15-8-22	NWSE	15	080S	220E	4304734719	13722	Federal	GW	P
OU SG 2MU-15-8-22	OU SG 2MU-15-8-22	NWNE	15	080S	220E	4304734721	13887	Federal	GW	P
OU SG 7W-15-8-22	OU SG 7W-15-8-22	SWNE	15	080S	220E	4304734722	13920	Federal	GW	P
OU GB 14SG-29-8-22	OU GB 14SG-29-8-22	SESW	29	080S	220E	4304734743	14034	Federal	GW	P
OU GB 16SG-29-8-22	OU GB 16SG-29-8-22	SESE	29	080S	220E	4304734744	13771	Federal	GW	P
OU GB 13W-10-8-22	OU GB 13W-10-8-22	SWSW	10	080S	220E	4304734754	13774	Federal	GW	P
OU GB 6MU-21-8-22	OU GB 6MU-21-8-22	SENW	21	080S	220E	4304734755	14012	Federal	GW	P
OU SG 10W-10-8-22	OU SG 10W-10-8-22	NWSE	10	080S	220E	4304734764	13751	Federal	GW	P
OU GB 14M-10-8-22	OU GB 14M-10-8-22	SESW	10	080S	220E	4304734768	13849	Federal	GW	P
OU SG 9W-10-8-22	OU SG 9W-10-8-22	NESE	10	080S	220E	4304734783	13725	Federal	GW	P
OU SG 16W-10-8-22	OU SG 16W-10-8-22	SESE	10	080S	220E	4304734784	13781	Federal	GW	P
GB 3M-27-8-21	GB 3M-27-8-21	NENW	27	080S	210E	4304734900	14614	Federal	GW	P
WVX 11D-22-8-21	WVX 11D-22-8-21	NESW	22	080S	210E	4304734902	14632	Federal	GW	DRL
GB 11M-27-8-21	GB 11M-27-8-21	NESW	27	080S	210E	4304734952	13809	Federal	GW	P
GB 9D-27-8-21	GB 9D-27-8-21	NESE	27	080S	210E	4304734956	14633	Federal	GW	DRL
GB 1D-27-8-21	GB 1D-27-8-21	NENE	27	080S	210E	4304734957	14634	Federal	GW	DRL
WRU EIH 2M-35-8-22	WRU EIH 2M-35-8-22	NWNE	35	080S	220E	4304735052	13931	Federal	GW	P
GYPSUM HILLS 12MU-20-8-21	<b>GH 12MU 20 8 21</b>	NWSW	20	080S	210E	4304735069	14129	Federal	GW	P

Original Well Name	Well Name & No.	Q/Q	SEC	TWP	RNG	API	Entity	Lease	Well Type	Status
OU SG 4W-11-8-22	OU SG 4W-11-8-22	NWNW	11	080S	220E	4304735071	14814	Federal	GW	DRL
OU SG 5W-11-8-22	OU SG 5W-11-8-22	SWNW	11	080S	220E	4304735072	14815	Federal	GW	DRL
OU SG 6W-11-8-22	<b>SG 6ML 11 8 22</b>	SENE	11	080S	220E	4304735073	14825	Federal	GW	P
OU SG 5MU-14-8-22	OU SG 5MU-14-8-22	SWNW	14	080S	220E	4304735076	13989	Federal	GW	P
OU SG 6MU-14-8-22	OU SG 6MU-14-8-22	SENE	14	080S	220E	4304735077	14128	Federal	GW	P
SG 12MU-14-8-22	SG 12MU-14-8-22	NWSW	14	080S	220E	4304735078	13921	Federal	GW	P
OU SG 13MU-14-8-22	OU SG 13MU-14-8-22	SWSW	14	080S	220E	4304735079	13990	Federal	GW	P
OU SG 9MU-11-8-22	OU SG 9MU-11-8-22	NESE	11	080S	220E	4304735091	13967	Federal	GW	P
SG 11SG-23-8-22	SG 11SG-23-8-22	NESW	23	080S	220E	4304735099	13901	Federal	GW	S
OU SG 14W-11-8-22	OU SG 14W-11-8-22	SESW	11	080S	220E	4304735114	14797	Federal	GW	DRL
SG 5MU-23-8-22	SG 5MU-23-8-22	SWNW	23	080S	220E	4304735115	14368	Federal	GW	P
SG 6MU-23-8-22	SG 6MU-23-8-22	SENE	23	080S	220E	4304735116	14231	Federal	GW	P
SG 14MU-23-8-22	SG 14MU-23-8-22	SESW	23	080S	220E	4304735117	14069	Federal	GW	P
SG 13MU-23-8-22	SG 13MU-23-8-22	SWSW	23	080S	220E	4304735190	14103	Federal	GW	P
WH 7G-10-7-24	WH 7G-10-7-24	SWNE	10	070S	240E	4304735241	14002	Federal	GW	P
GB 4D-28-8-21	GB 4D-28-8-21	NWNW	28	080S	210E	4304735246	14645	Federal	GW	P
GB 7M-28-8-21	GB 7M-28-8-21	SWNE	28	080S	210E	4304735247	14432	Federal	GW	P
GB 14M-28-8-21	GB 14M-28-8-21	SESW	28	080S	210E	4304735248	13992	Federal	GW	P
SG 11MU-23-8-22	SG 11MU-23-8-22	NESW	23	080S	220E	4304735257	13973	Federal	GW	P
SG 15MU-14-8-22	SG 15MU-14-8-22	SWSE	14	080S	220E	4304735328	14338	Federal	GW	P
EIHX 14MU-25-8-22	EIHX 14MU-25-8-22	SESW	25	080S	220E	4304735330	14501	Federal	GW	P
EIHX 11MU-25-8-22	EIHX 11MU-25-8-22	NESW	25	080S	220E	4304735331	14470	Federal	GW	P
NBE 12ML-10-9-23	NBE 12ML-10-9-23	NWSW	10	090S	230E	4304735333	14260	Federal	GW	P
NBE 13ML-17-9-23	NBE 13ML-17-9-23	SWSW	17	090S	230E	4304735334	14000	Federal	GW	P
NBE 4ML-26-9-23	NBE 4ML-26-9-23	NWNW	26	090S	230E	4304735335	14215	Federal	GW	P
SG 7MU-11-8-22	SG 7MU-11-8-22	SWNE	11	080S	220E	4304735374	14635	Federal	GW	P
SG 1MU-11-8-22	SG 1MU-11-8-22	NENE	11	080S	220E	4304735375	14279	Federal	GW	P
OU SG 13W-11-8-22	OU SG 13W-11-8-22	SWSW	11	080S	220E	4304735377	14796	Federal	GW	DRL
SG 3MU-11-8-22	SG 3MU-11-8-22	NENW	11	080S	220E	4304735379	14978	Federal	GW	P
SG 8MU-11-8-22	SG 8MU-11-8-22	SENE	11	080S	220E	4304735380	14616	Federal	GW	P
SG 2MU-11-8-22	SG 2MU-11-8-22	NWNE	11	080S	220E	4304735381	14636	Federal	GW	P
SG 10MU-11-8-22	SG 10MU-11-8-22	NWSE	11	080S	220E	4304735382	14979	Federal	GW	P
OU GB 8MU-10-8-22	OU GB 8MU-10-8-22	SENE	10	080S	220E	4304735422	15321	Federal	GW	DRL
EIHX 2MU-25-8-22	EIHX 2MU-25-8-22	NWNE	25	080S	220E	4304735427	14666	Federal	GW	P
EIHX 1MU-25-8-22	EIHX 1MU-25-8-22	NENE	25	080S	220E	4304735428	14705	Federal	GW	P
EIHX 7MU-25-8-22	EIHX 7MU-25-8-22	SWNE	25	080S	220E	4304735429	14682	Federal	GW	P
EIHX 8MU-25-8-22	EIHX 8MU-25-8-22	SENE	25	080S	220E	4304735430	14706	Federal	GW	P
EIHX 9MU-25-8-22	EIHX 9MU-25-8-22	NESE	25	080S	220E	4304735433	14558	Federal	GW	P
EIHX 16MU-25-8-22	EIHX 16MU-25-8-22	SESE	25	080S	220E	4304735434	14502	Federal	GW	P
EIHX 15MU-25-8-22	EIHX 15MU-25-8-22	SWSE	25	080S	220E	4304735435	14571	Federal	GW	P
EIHX 10MU-25-8-22	EIHX 10MU-25-8-22	NWSE	25	080S	220E	4304735436	14537	Federal	GW	P
GB 3MU-3-8-22	GB 3MU-3-8-22	NENW	03	080S	220E	4304735457	14575	Federal	GW	P

Original Well Name	Well Name & No.	Q/Q	SEC	TWP	RNG	API	Entity	Lease	Well Type	Status
NBE 15M-17-9-23	NBE 15M-17-9-23	SWSE	17	090S	230E	4304735463	14423	Federal	GW	P
NBE 7ML-17-9-23	NBE 7ML-17-9-23	SWNE	17	090S	230E	4304735464	14232	Federal	GW	P
NBE 3ML-17-9-23	NBE 3ML-17-9-23	NENW	17	090S	230E	4304735465	14276	Federal	GW	P
NBE 11M-17-9-23	NBE 11M-17-9-23	NESW	17	090S	230E	4304735466	14431	Federal	GW	P
NBE 10ML-10-9-23	NBE 10ML-10-9-23	NWSE	10	090S	230E	4304735650	14377	Federal	GW	P
NBE 6ML-10-9-23	NBE 6ML-10-9-23	SENE	10	090S	230E	4304735651	14422	Federal	GW	P
NBE 12ML-17-9-23	NBE 12ML-17-9-23	NWSW	17	090S	230E	4304735652	14278	Federal	GW	P
NBE 6ML-26-9-23	NBE 6ML-26-9-23	SENE	26	090S	230E	4304735664	14378	Federal	GW	P
NBE 11ML-26-9-23	NBE 11ML-26-9-23	NESW	26	090S	230E	4304735665	14340	Federal	GW	P
NBE 15ML-26-9-23	NBE 15ML-26-9-23	SWSE	26	090S	230E	4304735666	14326	Federal	GW	P
SG 4MU-23-8-22	SG 4MU-23-8-22	NWNW	23	080S	220E	4304735758	14380	Federal	GW	P
RWS 8ML-14-9-24	RWS 8ML-14-9-24	SENE	14	090S	240E	4304735803	14539	Federal	GW	S
SG 11MU-14-8-22	SG 11MU-14-8-22	NESW	14	080S	220E	4304735829	14486	Federal	GW	P
RB DS FED 1G-7-10-18	RB DS FED 1G-7-10-18	NENE	07	100S	180E	4304735932	14457	Federal	OW	S
RB DS FED 14G-8-10-18	RB DS FED 14G-8-10-18	SESW	08	100S	180E	4304735933	14433	Federal	OW	P
OU SG 14MU-14-8-22	OU SG 14MU-14-8-22	SESW	14	080S	220E	4304735950	14479	Federal	GW	P
COY 10ML-14-8-24	COY 10ML-14-8-24	NWSE	14	080S	240E	4304736038		Federal	GW	APD
COY 12ML-24-8-24	COY 12ML-24-8-24	NWSW	24	080S	240E	4304736039	14592	Federal	OW	P
WIH 1AMU-21-8-22	WIH 1AMU-21-8-22	NENE	21	080S	220E	4304736060	14980	Federal	GW	P
NBE 4ML-10-9-23	NBE 4ML-10-9-23	NWNW	10	090S	230E	4304736098	15732	Federal	GW	P
NBE 8ML-10-9-23	NBE 8ML-10-9-23	SENE	10	090S	230E	4304736099	15733	Federal	GW	P
NBE 16ML-10-9-23	NBE 16ML-10-9-23	SESE	10	090S	230E	4304736100	14728	Federal	GW	P
NBE 8ML-12-9-23	NBE 8ML-12-9-23	SENE	12	090S	230E	4304736143	15859	Federal	GW	DRL
WH 12G-11-7-24	WH 12G-11-7-24	NWSW	11	070S	240E	4304736195		Federal	GW	APD
HC 16M-6-7-22	HC 16M-6-7-22	SESE	06	070S	220E	4304736197		Federal	GW	APD
HC 14M-6-7-22	HC 14M-6-7-22	SESW	06	070S	220E	4304736198		Federal	GW	APD
WWT 8ML-25-8-24	WWT 8ML-25-8-24	SENE	25	080S	240E	4304736199		Federal	GW	APD
GB 16D-28-8-21	GB 16D-28-8-21	SESE	28	080S	210E	4304736260	14981	Federal	GW	P
WH 7G-3-7-24	WH 7G-3-7-24	SWNE	03	070S	240E	4304736347		Federal	GW	APD
NBE 5ML-10-9-23	NBE 5ML-10-9-23	SWNW	10	090S	230E	4304736353	15227	Federal	GW	P
NBE 7ML-10-9-23	NBE 7ML-10-9-23	SWNE	10	090S	230E	4304736355	15850	Federal	GW	DRL
NBE 3ML-10-9-23	NBE 3ML-10-9-23	NENW	10	090S	230E	4304736356	15393	Federal	GW	P
WH 4G-10-7-24	WH 4G-10-7-24	NWNW	10	070S	240E	4304736359		Federal	GW	APD
EIHX 4MU-36-8-22	EIHX 4MU-36-8-22	NWNW	36	080S	220E	4304736444	14875	Federal	GW	P
EIHX 3MU-36-8-22	EIHX 3MU-36-8-22	NENW	36	080S	220E	4304736445	14860	Federal	GW	P
EIHX 2MU-36-8-22	EIHX 2MU-36-8-22	NWNE	36	080S	220E	4304736446	14840	Federal	GW	P
EIHX 1MU-36-8-22	EIHX 1MU-36-8-22	NENE	36	080S	220E	4304736447	14861	Federal	GW	P
WWT 2ML-24-8-24	WWT 2ML-24-8-24	NWNE	24	080S	240E	4304736515		Federal	GW	APD
RWS 1ML-1-9-24	RWS 1ML-1-9-24	NENE	01	090S	240E	4304736517		Federal	GW	APD
RWS 3ML-1-9-24	RWS 3ML-1-9-24	NENW	01	090S	240E	4304736518		Federal	GW	APD
RWS 9ML-1-9-24	RWS 9ML-1-9-24	NESE	01	090S	240E	4304736519		Federal	GW	APD
RWS 15ML-1-9-24	RWS 15ML-1-9-24	SWSE	01	090S	240E	4304736521		Federal	GW	APD

Original Well Name	Well Name & No.	Q/Q	SEC	TWP	RNG	API	Entity	Lease	Well Type	Status
BSW 1ML-12-9-24	BSW 1ML-12-9-24	NENE	12	090S	240E	4304736522		Federal	GW	APD
BSW 11ML-13-9-24	BSW 11ML-13-9-24	NESW	13	090S	240E	4304736523		Federal	GW	APD
NBE 7ML-26-9-23	NBE 7ML-26-9-23	SWNE	26	090S	230E	4304736587	16008	Federal	GW	DRL
NBE 8ML-26-9-23	NBE 8ML-26-9-23	SENE	26	090S	230E	4304736588	15689	Federal	GW	P
NBE 1ML-26-9-23	NBE 1ML-26-9-23	NENE	26	090S	230E	4304736589	15880	Federal	GW	DRL
NBE 2ML-26-9-23	NBE 2ML-26-9-23	NWNE	26	090S	230E	4304736590	15898	Federal	GW	DRL
NBE 3ML-26-9-23	NBE 3ML-26-9-23	NENW	26	090S	230E	4304736591	15906	Federal	GW	DRL
NBE 5ML-26-9-23	NBE 5ML-26-9-23	SWNW	26	090S	230E	4304736592	15839	Federal	GW	DRL
NBE 9ML-10-9-23	NBE 9ML-10-9-23	NESE	10	090S	230E	4304736593	15438	Federal	GW	P
NBE 11ML-10-9-23	NBE 11ML-10-9-23	NESW	10	090S	230E	4304736594	15228	Federal	GW	P
NBE 15ML-10-9-23	NBE 15ML-10-9-23	SWSE	10	090S	230E	4304736595	15439	Federal	GW	P
NBE 1ML-12-9-23	NBE 1ML-12-9-23	NENE	12	090S	230E	4304736613		Federal	GW	APD
NBE 2ML-17-9-23	NBE 2ML-17-9-23	NWNE	17	090S	230E	4304736614	15126	Federal	GW	P
NBE 4ML-17-9-23	NBE 4ML-17-9-23	NWNW	17	090S	230E	4304736615	15177	Federal	GW	P
NBE 6ML-17-9-23	NBE 6ML-17-9-23	SENE	17	090S	230E	4304736616	15127	Federal	GW	P
NBE 10ML-17-9-23	NBE 10ML-17-9-23	NWSE	17	090S	230E	4304736617	15128	Federal	GW	P
NBE 14ML-17-9-23	NBE 14ML-17-9-23	SESW	17	090S	230E	4304736618	15088	Federal	GW	P
NBE 9ML-26-9-23	NBE 9ML-26-9-23	NESE	26	090S	230E	4304736619	15322	Federal	GW	P
NBE 10D-26-9-23	NBE 10D-26-9-23	NWSE	26	090S	230E	4304736620	15975	Federal	GW	DRL
NBE 12ML-26-9-23	NBE 12ML-26-9-23	NWSW	26	090S	230E	4304736621	15840	Federal	GW	DRL
NBE 13ML-26-9-23	NBE 13ML-26-9-23	SWSW	26	090S	230E	4304736622	15690	Federal	GW	P
NBE 14ML-26-9-23	NBE 14ML-26-9-23	SESW	26	090S	230E	4304736623	15262	Federal	GW	P
NBE 16ML-26-9-23	NBE 16ML-26-9-23	SESE	26	090S	230E	4304736624	15735	Federal	GW	P
RWS 13ML-14-9-24	RWS 13ML-14-9-24	SWSW	14	090S	240E	4304736737		Federal	GW	APD
RWS 12ML-14-9-24	RWS 12ML-14-9-24	NWSW	14	090S	240E	4304736738		Federal	GW	APD
SG 3MU-23-8-22	SG 3MU-23-8-22	SESW	14	080S	220E	4304736940	15100	Federal	GW	P
NBE 5ML-17-9-23	NBE 5ML-17-9-23	SWNW	17	090S	230E	4304736941	15101	Federal	GW	P
WWT 2ML-25-8-24	WWT 2ML-25-8-24	NWNE	25	080S	240E	4304737301		Federal	GW	APD
WWT 1ML-25-8-24	WWT 1ML-25-8-24	NENE	25	080S	240E	4304737302		Federal	GW	APD
HK 15ML-19-8-25	HK 15ML-19-8-25	SWSE	19	080S	250E	4304737303		Federal	GW	APD
WT 13ML-19-8-25	WT 13ML-19-8-25	SWSW	19	080S	250E	4304737304		Federal	GW	APD
HK 3ML-29-8-25	HK 3ML-29-8-25	NENW	29	080S	250E	4304737305		Federal	GW	APD
HK 5ML-29-8-25	HK 5ML-29-8-25	SWNW	29	080S	250E	4304737330		Federal	GW	APD
HK 2ML-30-8-25	HK 2ML-30-8-25	NWNE	30	080S	250E	4304737331		Federal	GW	APD
HK 5ML-30-8-25	HK 5ML-30-8-25	SWNW	30	080S	250E	4304737332		Federal	GW	APD
HK 10ML-30-8-25	HK 10ML-30-8-25	NWSE	30	080S	250E	4304737333		Federal	GW	APD
HK 14ML-30-8-25	HK 14ML-30-8-25	SESW	30	080S	250E	4304737334		Federal	GW	APD
HK 6ML-30-8-25	HK 6ML-30-8-25	SENE	30	080S	250E	4304737348		Federal	GW	APD
HK 8ML-30-8-25	HK 8ML-30-8-25	SENE	30	080S	250E	4304737349		Federal	GW	APD
WWT 7ML-25-8-24	WWT 7ML-25-8-24	SWNE	25	080S	240E	4304737407		Federal	GW	APD
WWT 9ML-25-8-24	WWT 9ML-25-8-24	NESE	25	080S	240E	4304737408		Federal	GW	APD
WWT 10ML-25-8-24	WWT 10ML-25-8-24	NWSE	25	080S	240E	4304737409		Federal	GW	APD

Original Well Name	Well Name & No.	Q/Q	SEC	TWP	RNG	API	Entity	Lease	Well Type	Status
WWT 15ML-25-8-24	WWT 15ML-25-8-24	SWSE	25	080S	240E	4304737410		Federal	GW	APD
BBS 15G-22-7-21	BBS 15G-22-7-21	SWSE	22	070S	210E	4304737443	15688	Federal	OW	P
WWT 15ML-13-8-24	WWT 15ML-13-8-24	SWSE	13	080S	240E	4304737524		Federal	GW	APD
WWT 16ML-13-8-24	WWT 16ML-13-8-24	SESE	13	080S	240E	4304737525		Federal	GW	APD
COY 6ML-23-8-24	COY 6ML-23-8-24	SENE	23	080S	240E	4304737526		Federal	GW	APD
NBZ 8ML-23-8-24	NBZ 8ML-23-8-24	SENE	23	080S	240E	4304737527		Federal	GW	APD
COY 9ML-23-8-24	COY 9ML-23-8-24	NESE	23	080S	240E	4304737528		Federal	GW	APD
NBZ 15ML-23-8-24	NBZ 15ML-23-8-24	SWSE	23	080S	240E	4304737529		Federal	GW	APD
COY 16ML-23-8-24	COY 16ML-23-8-24	SESE	23	080S	240E	4304737530		Federal	GW	APD
COY 5ML-24-8-24	COY 5ML-24-8-24	SWNW	24	080S	240E	4304737531		Federal	GW	APD
COY 6ML-24-8-24	COY 6ML-24-8-24	SENE	24	080S	240E	4304737532		Federal	GW	APD
COY 6ML-21-8-24	COY 6ML-21-8-24	SENE	21	080S	240E	4304737584		Federal	GW	APD
COY 4ML-21-8-24	COY 4ML-21-8-24	NWNW	21	080S	240E	4304737585		Federal	GW	APD
COY 14ML-21-8-24	COY 14ML-21-8-24	SESW	21	080S	240E	4304737586		Federal	GW	APD
COY 15ML-21-8-24	COY 15ML-21-8-24	SWSE	21	080S	240E	4304737587		Federal	GW	NEW
WWT 1ML-24-8-24	WWT 1ML-24-8-24	NENE	24	080S	240E	4304737590		Federal	GW	APD
RWS 13ML-23-9-24	RWS 13ML-23-9-24	SWSW	23	090S	240E	4304737591		Federal	GW	APD
WWT 8ML-24-8-24	WWT 8ML-24-8-24	SENE	24	080S	240E	4304737640		Federal	GW	APD
GB 16ML-20-8-22	GB 16ML-20-8-22	SESE	20	080S	220E	4304737664	15948	Federal	GW	DRL
NBZ 1ML-29-8-24	NBZ 1ML-29-8-24	NENE	29	080S	240E	4304737666		Federal	GW	APD
WWT 16ML-24-8-24	WWT 16ML-24-8-24	SESE	24	080S	240E	4304737930		Federal	GW	APD
WWT 15ML-24-8-24	WWT 15ML-24-8-24	SWSE	24	080S	240E	4304737931		Federal	GW	APD
COY 14ML-24-8-24	COY 14ML-24-8-24	SESW	24	080S	240E	4304737932		Federal	GW	APD
COY 13ML-24-8-24	COY 13ML-24-8-24	SWSW	24	080S	240E	4304737933		Federal	GW	APD
COY 11ML-24-8-24	COY 11ML-24-8-24	NESW	24	080S	240E	4304737934		Federal	GW	APD
COY 15ML-14-8-24	COY 15ML-14-8-24	SWSE	14	080S	240E	4304737935		Federal	GW	APD
COY 14ML-14-8-24	COY 14ML-14-8-24	SESW	14	080S	240E	4304737936		Federal	GW	APD
COY 12ML-14-8-24	COY 12ML-14-8-24	NWSW	14	080S	240E	4304737937		Federal	GW	APD
COY 11ML-14-8-24	COY 11ML-14-8-24	NESW	14	080S	240E	4304737938		Federal	GW	APD
WVX 8ML-5-8-22	WVX 8ML-5-8-22	SENE	05	080S	220E	4304738140		Federal	GW	APD
WVX 6ML-5-8-22	WVX 6ML-5-8-22	SENE	05	080S	220E	4304738141		Federal	GW	APD
BBS 5G-23-7-21	BBS 5G-23-7-21	SWNW	23	070S	210E	4304738471		Federal	OW	APD
GB 12SG-29-8-22	GB 12SG-29-8-22	NWSW	29	080S	220E	4304738766		Federal	GW	APD
GB 10SG-30-8-22	GB 10SG-30-8-22	NWSE	30	080S	220E	4304738767		Federal	GW	APD
NBE 12SWD-10-9-23	NBE 12SWD-10-9-23	NWSW	10	090S	230E	4304738875		Federal	WD	APD
OP 16MU-3-7-20	OP 16MU-3-7-20	SESE	03	070S	200E	4304738944		Federal	OW	APD
WF 1P-1-15-19	WF 1P-1-15-19	NWNW	06	150S	200E	4304736781	14862	Indian	GW	S

STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

FORM 9

**SUNDRY NOTICES AND REPORTS ON WELLS**

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

1. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER _____	5. LEASE DESIGNATION AND SERIAL NUMBER: see attached
2. NAME OF OPERATOR: QUESTAR EXPLORATION AND PRODUCTION COMPANY	6. IF INDIAN, ALLOTTEE OR TRIBE NAME: see attached
3. ADDRESS OF OPERATOR: 1050 17th Street Suite 500 CITY Denver STATE CO ZIP 80265	7. UNIT or CA AGREEMENT NAME: see attached
PHONE NUMBER: (303) 308-3068	8. WELL NAME and NUMBER: see attached
4. LOCATION OF WELL FOOTAGES AT SURFACE: attached	9. API NUMBER: attached
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:	10. FIELD AND POOL, OR WILDCAT:

COUNTY: Uintah

STATE: UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: 1/1/2007	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
<input type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion:	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input checked="" type="checkbox"/> OTHER: Operator Name Change
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

Effective January 1, 2007 operator of record, QEP Uinta Basin, Inc., will hereafter be known as QUESTAR EXPLORATION AND PRODUCTION COMPANY. This name change involves only an internal corporate name change and no third party change of operator is involved. The same employees will continue to be responsible for operations of the properties described on the attached list. All operations will continue to be covered by bond numbers:

Federal Bond Number: 965002976 (BLM Reference No. ESB000024)

Utah State Bond Number: 965003033

Fee Land Bond Number: 965003033

Current operator of record, QEP UINTA BASIN, INC., hereby resigns as operator of the properties as described on the attached list.

Jay B. Neese, Executive Vice President, QEP Uinta Basin, Inc.

Successor operator of record, QUESTAR EXPLORATION AND PRODUCTION COMPANY, hereby assumes all rights, duties and obligations as operator of the properties as described on the attached list

Jay B. Neese, Executive Vice President  
Questar Exploration and Production Company

NAME (PLEASE PRINT) Debra K. Stanberry TITLE Supervisor, Regulatory Affairs  
SIGNATURE DATE 3/16/2007

(This space for State use only)

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APR 19 2007

DIV. OF OIL, GAS & MINING

STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

FORM 9

**SUNDRY NOTICES AND REPORTS ON WELLS**

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

1. TYPE OF WELL OIL WELL ☐ GAS WELL ☐ OTHER \_\_\_\_\_

2. NAME OF OPERATOR:

QUESTAR EXPLORATION AND PRODUCTION COMPANY

3. ADDRESS OF OPERATOR:

1050 17th Street Suite 500 Denver

STATE CO ZIP 80265

PHONE NUMBER:

(303) 308-3068

4. LOCATION OF WELL

FOOTAGES AT SURFACE: attached

COUNTY: Uintah

QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:

STATE:

UTAH

5. LEASE DESIGNATION AND SERIAL NUMBER:

see attached

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

see attached

7. UNIT or CA AGREEMENT NAME:

see attached

8. WELL NAME and NUMBER:

see attached

9. API NUMBER:

attached

10. FIELD AND POOL, OR WILDCAT:

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

TYPE OF ACTION



NOTICE OF INTENT  
(Submit in Duplicate)

Approximate date work will start:

1/1/2007



SUBSEQUENT REPORT  
(Submit Original Form Only)

Date of work completion:



ACIDIZE



ALTER CASING



CASING REPAIR



CHANGE TO PREVIOUS PLANS



CHANGE TUBING



CHANGE WELL NAME



CHANGE WELL STATUS



COMMINGLE PRODUCING FORMATIONS



CONVERT WELL TYPE



DEEPEN



FRACTURE TREAT



NEW CONSTRUCTION



OPERATOR CHANGE



PLUG AND ABANDON



PLUG BACK



PRODUCTION (START/RESUME)



RECLAMATION OF WELL SITE



RECOMPLETE - DIFFERENT FORMATION



REPERFORATE CURRENT FORMATION



SIDETRACK TO REPAIR WELL



TEMPORARILY ABANDON



TUBING REPAIR



VENT OR FLARE



WATER DISPOSAL



WATER SHUT-OFF



OTHER: Well Name Changes

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

PER THE ATTACHED LIST OF WELLS, QUESTAR EXPLORATION AND PRODUCTION COMPANY REQUESTS THAT THE INDIVIDUAL WELL NAMES BE UPDATED IN YOUR RECORDS.

NAME (PLEASE PRINT) Debra K. Stanberry

TITLE Supervisor, Regulatory Affairs

SIGNATURE

DATE 4/17/2007

(This space for State use only)

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APR 19 2007

DIV. OF OIL, GAS & MINING



## United States Department of the Interior

### BUREAU OF LAND MANAGEMENT

Utah State Office  
P.O. Box 45155  
Salt Lake City, UT 84145-0155  
<http://www.blm.gov/ut/st/en.html>



IN REPLY REFER TO:  
3100  
(UT-922)

January 23, 2008

#### Memorandum

To: Vernal Field Office

From: Chief, Branch of Fluid Minerals

Subject: Name Change Approval

Attached is a certified copy of the Certificate of Name Change issued by the Texas Secretary of State and a decision letter recognizing the merger from the Eastern States state office. We have updated our records to reflect the name change in the attached list of leases.

The name change from **QEP Uinta Basin, Inc.** into **Questar Exploration and Production Co.** is effective May 1, 2007, which is a correction to the effective dated stated in the decision letter. For verification of effective date, please refer to the name change certificate from the State of Texas.

/s/ Leslie Wilcken

Leslie Wilcken  
Land Law Examiner  
Branch of Fluid Minerals

cc: MMS  
State of Utah, DOGM,

bcc: Dave Mascarenas  
Susan Bauman  
Connie Seare

RECEIVED  
JAN 28 2008  
DIV. OF LAND, ESTATE & SURVEYING

Division of Oil, Gas and Mining  
**OPERATOR CHANGE WORKSHEET** (for state use only)

**ROUTING**  
 CDW

Change of Operator (Well Sold)

**X - Operator Name Change**

The operator of the well(s) listed below has changed, effective:

**6/14/2010**

<b>FROM: (Old Operator):</b> N5085-Questar Exploration and Production Company 1050 17th St, Suite 500 Denver, CO 80265  Phone: 1 (303) 308-3048	<b>TO: (New Operator):</b> N3700-QEP Energy Company 1050 17th St, Suite 500 Denver, CO 80265  Phone: 1 (303) 308-3048
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**CA No.**

**Unit:**

WELL NAME	SEC	TWN	RNG	API NO	ENTITY NO	LEASE TYPE	WELL TYPE	WELL STATUS
SEE ATTACHED								

**OPERATOR CHANGES DOCUMENTATION**

Enter date after each listed item is completed

- (R649-8-10) Sundry or legal documentation was received from the **FORMER** operator on: 6/28/2010
- (R649-8-10) Sundry or legal documentation was received from the **NEW** operator on: 6/28/2010
- The new company was checked on the **Department of Commerce, Division of Corporations Database** on: 6/24/2010
- Is the new operator registered in the State of Utah: Business Number: 764611-0143
- (R649-9-2) Waste Management Plan has been received on: Requested
- Inspections of LA PA state/fee well sites complete on: n/a
- Reports current for Production/Disposition & Sundries on: ok
- Federal and Indian Lease Wells:** The BLM and or the BIA has approved the merger, name change, or operator change for all wells listed on Federal or Indian leases on: BLM 8/16/2010 BIA not yet
- Federal and Indian Units:**  
The BLM or BIA has approved the successor of unit operator for wells listed on: 8/16/2010
- Federal and Indian Communization Agreements ("CA"):**  
The BLM or BIA has approved the operator for all wells listed within a CA on: N/A
- Underground Injection Control ("UIC")** Division has approved UIC Form 5 Transfer of Authority to Inject, for the enhanced/secondary recovery unit/project for the water disposal well(s) listed on: 6/29/2010

**DATA ENTRY:**

- Changes entered in the **Oil and Gas Database** on: 6/30/2010
- Changes have been entered on the **Monthly Operator Change Spread Sheet** on: 6/30/2010
- Bond information entered in RBDMS on: 6/30/2010
- Fee/State wells attached to bond in RBDMS on: 6/30/2010
- Injection Projects to new operator in RBDMS on: 6/30/2010
- Receipt of Acceptance of Drilling Procedures for APD/New on: n/a

**BOND VERIFICATION:**

- Federal well(s) covered by Bond Number: ESB000024
- Indian well(s) covered by Bond Number: 965010693
- (R649-3-1) The **NEW** operator of any state/fee well(s) listed covered by Bond Number 965010695
- The **FORMER** operator has requested a release of liability from their bond on: n/a

**LEASE INTEREST OWNER NOTIFICATION:**

- (R649-2-10) The **NEW** operator of the fee wells has been contacted and informed by a letter from the Division of their responsibility to notify all interest owners of this change on: n/a

**COMMENTS:**

STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

1. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER _____	5. LEASE DESIGNATION AND SERIAL NUMBER: See attached
2. NAME OF OPERATOR: Questar Exploration and Production Company <i>N5085</i>	6. IF INDIAN, ALLOTTEE OR TRIBE NAME: See attached
3. ADDRESS OF OPERATOR: 1050 17th Street, Suite 500 CITY Denver STATE CO ZIP 80265 PHONE NUMBER: (303) 672-6900	7. UNIT or CA AGREEMENT NAME: See attached
4. LOCATION OF WELL FOOTAGES AT SURFACE: See attached	8. WELL NAME and NUMBER: See attached
	9. API NUMBER: Attached
	10. FIELD AND POOL, OR WILDCAT: See attached

COUNTY: Attached

STATE: UTAH

11 CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: <u>6/14/2010</u>	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
<input type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion:	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input checked="" type="checkbox"/> OTHER: <u>Operator Name Change</u>
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

Effective June 14, 2010 Questar Exploration and Production Company changed its name to QEP Energy Company. This name change involves only an internal corporate name change and no third party change of operator is involved. The same employees will continue to be responsible for operations of the properties described on the attached list. All operations will continue to be covered by bond numbers:

Federal Bond Number: 965002976 (BLM Reference No. ESB000024)

Utah State Bond Number: ~~965003033~~

Fee Land Bond Number: ~~965003033~~ *965010695*

BIA Bond Number: ~~799446~~ *965010693*

The attached document is an all inclusive list of the wells operated by Questar Exploration and Production Company. As of June 14, 2010 QEP Energy Company assumes all rights, duties and obligations as operator of the properties as described on the list

NAME (PLEASE PRINT) Morgan Anderson

TITLE Regulatory Affairs Analyst

SIGNATURE

DATE 6/23/2010

(This space for State use only)

RECEIVED

JUN 28 2010

DIV. OF OIL, GAS & MINING

(See Instructions on Reverse Side)

APPROVED 6/30/2009

*Earlene Russell*  
Division of Oil, Gas and Mining  
Earlene Russell, Engineering Technician

Questar Exploration Production Company (N5085) to QEP Energy Company (N3700)  
effective June 14, 2010

well_name	sec	tpw	rng	api	entity	mineral lease	type	stat	C
WEST RIVER BEND 3-12-10-15	12	100S	150E	4301331888	14542	Federal	OW	P	C
WEST RIVER BEND 16-17-10-17	17	100S	170E	4301332057	14543	Federal	OW	P	
WEST DESERT SPRING 11-20-10-17	20	100S	170E	4301332088	14545	Federal	OW	S	
GD 8G-35-9-15	35	090S	150E	4301333821		Federal	OW	APD	C
GD 9G-35-9-15	35	090S	150E	4301333822		Federal	OW	APD	C
GD 10G-35-9-15	35	090S	150E	4301333823		Federal	OW	APD	C
GD 11G-35-9-15	35	090S	150E	4301333824		Federal	OW	APD	C
GD 12G-35-9-15	35	090S	150E	4301333825		Federal	OW	APD	C
GD 13G-35-9-15	35	090S	150E	4301333826		Federal	OW	APD	C
GD 1G-34-9-15	34	090S	150E	4301333827	16920	Federal	OW	P	
GD 2G-34-9-15	34	090S	150E	4301333828		Federal	OW	APD	C
GD 7G-34-9-15	34	090S	150E	4301333829		Federal	OW	APD	C
GD 7G-35-9-15	35	090S	150E	4301333830		Federal	OW	APD	C
GD 14G-35-9-15	35	090S	150E	4301333831		Federal	OW	APD	C
GD 15G-35-9-15	35	090S	150E	4301333832		Federal	OW	APD	C
GD 16G-35-9-15	35	090S	150E	4301333833	16921	Federal	OW	P	
GD 1G-35-9-15	35	090S	150E	4301333834		Federal	OW	APD	C
GD 2G-35-9-15	35	090S	150E	4301333835		Federal	OW	APD	C
GD 3G-35-9-15	35	090S	150E	4301333836		Federal	OW	APD	C
GD 4G-35-9-15	35	090S	150E	4301333837		Federal	OW	APD	C
GD 5G-35-9-15	35	090S	150E	4301333838		Federal	OW	APD	C
GD 6G-35-9-15	35	090S	150E	4301333839		Federal	OW	APD	C
GD 8G-34-9-15	34	090S	150E	4301333840		Federal	OW	APD	C
GD 9G-34-9-15	34	090S	150E	4301333841		Federal	OW	APD	C
GD 10G-34-9-15	34	090S	150E	4301333842		Federal	OW	APD	C
GD 15G-34-9-15	34	090S	150E	4301333843		Federal	OW	APD	C
GD 16G-34-9-15	34	090S	150E	4301333844		Federal	OW	APD	C
GOVT 18-2	18	230S	170E	4301930679	2575	Federal	OW	P	
FEDERAL 2-29-7-22	29	070S	220E	4304715423	5266	Federal	GW	TA	
UTAH FED D-1	14	070S	240E	4304715936	10699	Federal	GW	S	
UTAH FED D-2	25	070S	240E	4304715937	9295	Federal	GW	S	
PRINCE 1	10	070S	240E	4304716199	7035	Federal	GW	P	
UTAH FED D-4	14	070S	240E	4304731215	9297	Federal	GW	S	
ISLAND UNIT 16	11	100S	180E	4304731505	1061	Federal	OW	S	
EAST COYOTE FED 14-4-8-25	04	080S	250E	4304732493	11630	Federal	OW	P	
PRINCE 4	03	070S	240E	4304732677	7035	Federal	OW	P	
GH 21 WG	21	080S	210E	4304732692	11819	Federal	GW	P	
OU SG 6-14-8-22	14	080S	220E	4304732746	11944	Federal	GW	S	
FLU KNOLLS FED 23-3	03	100S	180E	4304732754	12003	Federal	OW	P	
GH 22 WG	22	080S	210E	4304732818	12336	Federal	GW	P	
OU GB 12W-20-8-22	20	080S	220E	4304733249	13488	Federal	GW	P	
OU GB 15-18-8-22	18	080S	220E	4304733364	12690	Federal	GW	P	
OU GB 3W-17-8-22	17	080S	220E	4304733513	12950	Federal	GW	P	
OU GB 5W-17-8-22	17	080S	220E	4304733514	12873	Federal	GW	P	
WV 9W-8-8-22	08	080S	220E	4304733515	13395	Federal	GW	P	
OU GB 9W-18-8-22	18	080S	220E	4304733516	12997	Federal	GW	P	
OU GB 3W-20-8-22	20	080S	220E	4304733526	13514	Federal	GW	P	
OU GB 12W-30-8-22	30	080S	220E	4304733670	13380	Federal	GW	P	
WV 10W-8-8-22	08	080S	220E	4304733814	13450	Federal	GW	P	
GH 7W-21-8-21	21	080S	210E	4304733845	13050	Federal	GW	P	
GH 9W-21-8-21	21	080S	210E	4304733846	13074	Federal	GW	P	

Bonds: BLM = ESB000024

BIA = 956010693

State = 965010695

Questar Exploration Production Company (N5085) to QEP Energy Company (N3700)  
effective June 14, 2010

well_name	sec	tpw	rng	api	entity	mineral lease	type	stat	C
GH 11W-21-8-21	21	080S	210E	4304733847	13049	Federal	GW	P	
GH 15W-21-8-21	21	080S	210E	4304733848	13051	Federal	GW	P	
WV 2W-9-8-21	09	080S	210E	4304733905	13676	Federal	GW	P	
WV 7W-22-8-21	22	080S	210E	4304733907	13230	Federal	GW	P	
WV 9W-23-8-21	23	080S	210E	4304733909	13160	Federal	GW	P	
GH 14W-20-8-21	20	080S	210E	4304733915	13073	Federal	GW	P	
OU GB 4W-30-8-22	30	080S	220E	4304733945	13372	Federal	GW	P	
OU GB 9W-19-8-22	19	080S	220E	4304733946	13393	Federal	GW	P	
OU GB 10W-30-8-22	30	080S	220E	4304733947	13389	Federal	GW	P	
OU GB 12W-19-8-22	19	080S	220E	4304733948	13388	Federal	GW	P	
GB 9W-25-8-21	25	080S	210E	4304733960	13390	Federal	GW	P	
SU 1W-5-8-22	05	080S	220E	4304733985	13369	Federal	GW	P	
SU 3W-5-8-22	05	080S	220E	4304733987	13321	Federal	OW	S	
SU 7W-5-8-22	05	080S	220E	4304733988	13235	Federal	GW	P	
SU 9W-5-8-22	05	080S	220E	4304733990	13238	Federal	GW	P	
SU 13W-5-8-22	05	080S	220E	4304733994	13236	Federal	GW	TA	
SU 15W-5-8-22	05	080S	220E	4304733996	13240	Federal	GW	P	
WV 8W-8-8-22	08	080S	220E	4304734005	13320	Federal	GW	P	
WV 14W-8-8-22	08	080S	220E	4304734007	13322	Federal	GW	S	
OU GB 6W-20-8-22	20	080S	220E	4304734018	13518	Federal	GW	P	
OU GB 5W-30-8-22	30	080S	220E	4304734025	13502	Federal	GW	P	
OU GB 11W-20-8-22	20	080S	220E	4304734039	13413	Federal	GW	P	
OU GB 4W-20-8-22	20	080S	220E	4304734043	13520	Federal	GW	P	
GH 5W-21-8-21	21	080S	210E	4304734147	13387	Federal	GW	P	
GH 6W-21-8-21	21	080S	210E	4304734148	13371	Federal	GW	P	
GH 8W-21-8-21	21	080S	210E	4304734149	13293	Federal	GW	P	
GH 10W-20-8-21	20	080S	210E	4304734151	13328	Federal	GW	P	
GH 10W-21-8-21	21	080S	210E	4304734152	13378	Federal	GW	P	
GH 12W-21-8-21	21	080S	210E	4304734153	13294	Federal	GW	P	
GH 14W-21-8-21	21	080S	210E	4304734154	13292	Federal	GW	P	
GH 16W-21-8-21	21	080S	210E	4304734157	13329	Federal	GW	P	
WV 2W-3-8-21	03	080S	210E	4304734207	13677	Federal	GW	P	
OU GB 5W-20-8-22	20	080S	220E	4304734209	13414	Federal	GW	P	
WV 6W-22-8-21	22	080S	210E	4304734272	13379	Federal	GW	P	
GH 1W-20-8-21	20	080S	210E	4304734327	13451	Federal	GW	P	
GH 2W-20-8-21	20	080S	210E	4304734328	13527	Federal	GW	P	
GH 3W-20-8-21	20	080S	210E	4304734329	13728	Federal	GW	P	
GH 7W-20-8-21	20	080S	210E	4304734332	13537	Federal	GW	P	
GH 9W-20-8-21	20	080S	210E	4304734333	13411	Federal	GW	P	
GH 11W-20-8-21	20	080S	210E	4304734334	13410	Federal	GW	P	
GH 15W-20-8-21	20	080S	210E	4304734335	13407	Federal	GW	P	
GH 16W-20-8-21	20	080S	210E	4304734336	13501	Federal	GW	P	
WV 12W-23-8-21	23	080S	210E	4304734343	13430	Federal	GW	P	
OU GB 13W-20-8-22	20	080S	220E	4304734348	13495	Federal	GW	P	
OU GB 14W-20-8-22	20	080S	220E	4304734349	13507	Federal	GW	P	
OU GB 11W-29-8-22	29	080S	220E	4304734350	13526	Federal	GW	P	
SU PURDY 14M-30-7-22	30	070S	220E	4304734384	13750	Federal	GW	S	
WVX 11G-5-8-22	05	080S	220E	4304734388	13422	Federal	OW	P	
WVX 13G-5-8-22	05	080S	220E	4304734389	13738	Federal	OW	P	
WVX 15G-5-8-22	05	080S	220E	4304734390	13459	Federal	OW	P	
SU BRENNAN W 15W-18-7-22	18	070S	220E	4304734403	13442	Federal	GW	TA	

Bonds: BLM = ESB000024

BIA = 956010693

State = 965010695

Questar Exploration Production Company (N5085) to QEP Energy Company (N3700)  
effective June 14, 2010

well_name	sec	tpw	rng	api	entity	mineral lease	type	stat	C
SU 16W-5-8-22	05	080S	220E	4304734446	13654	Federal	GW	P	
SU 2W-5-8-22	05	080S	220E	4304734455	13700	Federal	GW	P	
SU 10W-5-8-22	05	080S	220E	4304734456	13540	Federal	GW	P	
WV 16W-8-8-22	08	080S	220E	4304734470	13508	Federal	GW	P	
OU GB 16WX-30-8-22	30	080S	220E	4304734506	13431	Federal	GW	P	
OU GB 1W-19-8-22	19	080S	220E	4304734512	13469	Federal	GW	P	
OU GB 2W-19-8-22	19	080S	220E	4304734513	13461	Federal	GW	P	
OU GB 5W-19-8-22	19	080S	220E	4304734514	13460	Federal	GW	P	
OU GB 7W-19-8-22	19	080S	220E	4304734515	13462	Federal	GW	P	
OU GB 8W-19-8-22	19	080S	220E	4304734516	13489	Federal	GW	P	
OU GB 11W-19-8-22	19	080S	220E	4304734517	13467	Federal	GW	P	
OU GB 16W-19-8-22	19	080S	220E	4304734522	13476	Federal	GW	P	
OU GB 1W-30-8-22	30	080S	220E	4304734528	13487	Federal	GW	S	
OU GB 3W-30-8-22	30	080S	220E	4304734529	13493	Federal	GW	P	
OU GB 6W-30-8-22	30	080S	220E	4304734530	13519	Federal	GW	P	
OU GB 7W-30-8-22	30	080S	220E	4304734531	13494	Federal	GW	P	
OU GB 8W-30-8-22	30	080S	220E	4304734532	13483	Federal	GW	P	
OU GB 9W-30-8-22	30	080S	220E	4304734533	13500	Federal	GW	P	
OU GB 6W-19-8-22	19	080S	220E	4304734534	13475	Federal	GW	P	
OU GB 10W-19-8-22	19	080S	220E	4304734535	13479	Federal	GW	P	
OU GB 13W-19-8-22	19	080S	220E	4304734536	13478	Federal	GW	P	
OU GB 14W-19-8-22	19	080S	220E	4304734537	13484	Federal	GW	P	
OU GB 15W-19-8-22	19	080S	220E	4304734538	13482	Federal	GW	P	
OU GB 12W-17-8-22	17	080S	220E	4304734542	13543	Federal	GW	P	
OU GB 6W-17-8-22	17	080S	220E	4304734543	13536	Federal	GW	P	
OU GB 13W-17-8-22	17	080S	220E	4304734544	13547	Federal	GW	P	
OU GB 6W-29-8-22	29	080S	220E	4304734545	13535	Federal	GW	P	
OU GB 3W-29-8-22	29	080S	220E	4304734546	13509	Federal	GW	P	
OU GB 13W-29-8-22	29	080S	220E	4304734547	13506	Federal	GW	P	
OU GB 4W-29-8-22	29	080S	220E	4304734548	13534	Federal	GW	P	
OU GB 5W-29-8-22	29	080S	220E	4304734549	13505	Federal	GW	P	
OU GB 14W-17-8-22	17	080S	220E	4304734550	13550	Federal	GW	P	
OU GB 11W-17-8-22	17	080S	220E	4304734553	13671	Federal	GW	P	
OU GB 14W-29-8-22	29	080S	220E	4304734554	13528	Federal	GW	P	
OU GB 2W-17-8-22	17	080S	220E	4304734559	13539	Federal	GW	P	
OU GB 7W-17-8-22	17	080S	220E	4304734560	13599	Federal	GW	P	
OU GB 16W-18-8-22	18	080S	220E	4304734563	13559	Federal	GW	P	
OU GB 1W-29-8-22	29	080S	220E	4304734573	13562	Federal	GW	P	
OU GB 7W-29-8-22	29	080S	220E	4304734574	13564	Federal	GW	P	
OU GB 8W-29-8-22	29	080S	220E	4304734575	13609	Federal	GW	S	
OU GB 9W-29-8-22	29	080S	220E	4304734576	13551	Federal	GW	P	
OU GB 10W-29-8-22	29	080S	220E	4304734577	13594	Federal	GW	P	
OU GB 15W-29-8-22	29	080S	220E	4304734578	13569	Federal	GW	P	
OU GB 2W-20-8-22	20	080S	220E	4304734599	13664	Federal	GW	P	
OU GB 2W-29-8-22	29	080S	220E	4304734600	13691	Federal	GW	P	
OU GB 15W-17-8-22	17	080S	220E	4304734601	13632	Federal	GW	P	
OU GB 16W-17-8-22	17	080S	220E	4304734602	13639	Federal	GW	P	
OU GB 16W-29-8-22	29	080S	220E	4304734603	13610	Federal	GW	P	
OU GB 1W-20-8-22	20	080S	220E	4304734604	13612	Federal	GW	P	
OU GB 1W-17-8-22	17	080S	220E	4304734623	13701	Federal	GW	P	
OU GB 9W-17-8-22	17	080S	220E	4304734624	13663	Federal	GW	P	

Bonds: BLM = ESB000024

BIA = 956010693

State = 965010695

Questar Exploration Production Company (N5085) to QEP Energy Company (N3700)  
effective June 14, 2010

well_name	sec	tpw	rng	api	entity	mineral lease	type	stat	C
OU GB 10W-17-8-22	17	080S	220E	4304734625	13684	Federal	GW	P	
OU GB 9W-20-8-22	20	080S	220E	4304734630	13637	Federal	GW	P	
OU GB 10W-20-8-22	20	080S	220E	4304734631	13682	Federal	GW	P	
OU GB 15W-20-8-22	20	080S	220E	4304734632	13613	Federal	GW	P	
OU WIH 15MU-21-8-22	21	080S	220E	4304734634	13991	Federal	GW	P	
OU WIH 13W-21-8-22	21	080S	220E	4304734646	13745	Federal	GW	P	
OU GB 11W-15-8-22	15	080S	220E	4304734648	13822	Federal	GW	P	
OU GB 13W-9-8-22	09	080S	220E	4304734654	13706	Federal	GW	P	
OU WIH 14W-21-8-22	21	080S	220E	4304734664	13720	Federal	GW	P	
OU GB 12WX-29-8-22	29	080S	220E	4304734668	13555	Federal	GW	P	
OU WIH 10W-21-8-22	21	080S	220E	4304734681	13662	Federal	GW	P	
OU GB 4G-21-8-22	21	080S	220E	4304734685	13772	Federal	OW	P	
OU GB 3W-21-8-22	21	080S	220E	4304734686	13746	Federal	GW	P	
OU GB 16SG-30-8-22	30	080S	220E	4304734688	13593	Federal	GW	P	
OU WIH 7W-21-8-22	21	080S	220E	4304734689	13716	Federal	GW	P	
OU GB 5W-21-8-22	21	080S	220E	4304734690	13770	Federal	GW	P	
WIH 1MU-21-8-22	21	080S	220E	4304734693	14001	Federal	GW	P	
OU GB 5G-19-8-22	19	080S	220E	4304734695	13786	Federal	OW	P	
OU GB 7W-20-8-22	20	080S	220E	4304734705	13710	Federal	GW	P	
OU SG 14W-15-8-22	15	080S	220E	4304734710	13821	Federal	GW	P	
OU SG 15W-15-8-22	15	080S	220E	4304734711	13790	Federal	GW	P	
OU SG 16W-15-8-22	15	080S	220E	4304734712	13820	Federal	GW	P	
OU SG 4W-15-8-22	15	080S	220E	4304734713	13775	Federal	GW	P	
OU SG 12W-15-8-22	15	080S	220E	4304734714	13838	Federal	GW	P	
OU GB 5MU-15-8-22	15	080S	220E	4304734715	13900	Federal	GW	P	
OU SG 8W-15-8-22	15	080S	220E	4304734717	13819	Federal	GW	P	
OU SG 9W-15-8-22	15	080S	220E	4304734718	13773	Federal	GW	P	
OU SG 10W-15-8-22	15	080S	220E	4304734719	13722	Federal	GW	P	
OU SG 2MU-15-8-22	15	080S	220E	4304734721	13887	Federal	GW	P	
OU SG 7W-15-8-22	15	080S	220E	4304734722	13920	Federal	GW	P	
OU GB 14SG-29-8-22	29	080S	220E	4304734743	14034	Federal	GW	P	
OU GB 16SG-29-8-22	29	080S	220E	4304734744	13771	Federal	GW	P	
OU GB 13W-10-8-22	10	080S	220E	4304734754	13774	Federal	GW	P	
OU GB 6MU-21-8-22	21	080S	220E	4304734755	14012	Federal	GW	P	
OU SG 10W-10-8-22	10	080S	220E	4304734764	13751	Federal	GW	P	
OU GB 14M-10-8-22	10	080S	220E	4304734768	13849	Federal	GW	P	
OU SG 9W-10-8-22	10	080S	220E	4304734783	13725	Federal	GW	P	
OU SG 16W-10-8-22	10	080S	220E	4304734784	13781	Federal	GW	P	
SU BW 6M-7-7-22	07	070S	220E	4304734837	13966	Federal	GW	P	
GB 3M-27-8-21	27	080S	210E	4304734900	14614	Federal	GW	P	
WVX 11D-22-8-21	22	080S	210E	4304734902	14632	Federal	GW	P	
GB 11M-27-8-21	27	080S	210E	4304734952	13809	Federal	GW	P	
GB 9D-27-8-21	27	080S	210E	4304734956	14633	Federal	GW	P	
GB 1D-27-8-21	27	080S	210E	4304734957	14634	Federal	GW	P	
WRU EIH 2M-35-8-22	35	080S	220E	4304735052	13931	Federal	GW	P	
GH 12MU-20-8-21	20	080S	210E	4304735069	14129	Federal	GW	P	
OU SG 4W-11-8-22	11	080S	220E	4304735071	14814	Federal	GW	OPS	C
OU SG 5W-11-8-22	11	080S	220E	4304735072	14815	Federal	GW	OPS	C
SG 6ML-11-8-22	11	080S	220E	4304735073	14825	Federal	GW	P	
OU SG 5MU-14-8-22	14	080S	220E	4304735076	13989	Federal	GW	P	
OU SG 6MU-14-8-22	14	080S	220E	4304735077	14128	Federal	GW	P	

Bonds: BLM = ESB000024

BIA = 956010693

State = 965010695

Questar Exploration Production Company (N5085) to QEP Energy Company (N3700)  
effective June 14, 2010

well_name	sec	tpw	rng	api	entity	mineral lease	type	stat	C
SG 12MU-14-8-22	14	080S	220E	4304735078	13921	Federal	GW	P	
OU SG 13MU-14-8-22	14	080S	220E	4304735079	13990	Federal	GW	P	
OU SG 9MU-11-8-22	11	080S	220E	4304735091	13967	Federal	GW	P	
SG 11SG-23-8-22	23	080S	220E	4304735099	13901	Federal	GW	TA	
OU SG 14W-11-8-22	11	080S	220E	4304735114	14797	Federal	GW	OPS	C
SG 5MU-23-8-22	23	080S	220E	4304735115	14368	Federal	GW	P	
SG 6MU-23-8-22	23	080S	220E	4304735116	14231	Federal	GW	P	
SG 14MU-23-8-22	23	080S	220E	4304735117	14069	Federal	GW	P	
SG 12MU-23-8-22	23	080S	220E	4304735188	14412	Federal	GW	P	
SG 13MU-23-8-22	23	080S	220E	4304735190	14103	Federal	GW	P	
WH 7G-10-7-24	10	070S	240E	4304735241	14002	Federal	GW	S	
GB 4D-28-8-21	28	080S	210E	4304735246	14645	Federal	GW	P	
GB 7M-28-8-21	28	080S	210E	4304735247	14432	Federal	GW	P	
GB 14M-28-8-21	28	080S	210E	4304735248	13992	Federal	GW	P	
SG 11MU-23-8-22	23	080S	220E	4304735257	13973	Federal	GW	P	
SG 15MU-14-8-22	14	080S	220E	4304735328	14338	Federal	GW	P	
EIHX 14MU-25-8-22	25	080S	220E	4304735330	14501	Federal	GW	P	
EIHX 11MU-25-8-22	25	080S	220E	4304735331	14470	Federal	GW	P	
NBE 12ML-10-9-23	10	090S	230E	4304735333	14260	Federal	GW	P	
NBE 13ML-17-9-23	17	090S	230E	4304735334	14000	Federal	GW	P	
NBE 4ML-26-9-23	26	090S	230E	4304735335	14215	Federal	GW	P	
SG 7MU-11-8-22	11	080S	220E	4304735374	14635	Federal	GW	S	
SG 1MU-11-8-22	11	080S	220E	4304735375	14279	Federal	GW	P	
OU SG 13W-11-8-22	11	080S	220E	4304735377	14796	Federal	GW	OPS	C
SG 3MU-11-8-22	11	080S	220E	4304735379	14978	Federal	GW	P	
SG 8MU-11-8-22	11	080S	220E	4304735380	14616	Federal	GW	P	
SG 2MU-11-8-22	11	080S	220E	4304735381	14636	Federal	GW	P	
SG 10MU-11-8-22	11	080S	220E	4304735382	14979	Federal	GW	P	
SU 11MU-9-8-21	09	080S	210E	4304735412	14143	Federal	GW	P	
OU GB 8MU-10-8-22	10	080S	220E	4304735422	15321	Federal	GW	OPS	C
EIHX 2MU-25-8-22	25	080S	220E	4304735427	14666	Federal	GW	P	
EIHX 1MU-25-8-22	25	080S	220E	4304735428	14705	Federal	GW	P	
EIHX 7MU-25-8-22	25	080S	220E	4304735429	14682	Federal	GW	P	
EIHX 8MU-25-8-22	25	080S	220E	4304735430	14706	Federal	GW	P	
EIHX 9MU-25-8-22	25	080S	220E	4304735433	14558	Federal	GW	P	
EIHX 16MU-25-8-22	25	080S	220E	4304735434	14502	Federal	GW	P	
EIHX 15MU-25-8-22	25	080S	220E	4304735435	14571	Federal	GW	P	
EIHX 10MU-25-8-22	25	080S	220E	4304735436	14537	Federal	GW	P	
GB 3MU-3-8-22	03	080S	220E	4304735457	14575	Federal	GW	P	
NBE 15M-17-9-23	17	090S	230E	4304735463	14423	Federal	GW	P	
NBE 7ML-17-9-23	17	090S	230E	4304735464	14232	Federal	GW	P	
NBE 3ML-17-9-23	17	090S	230E	4304735465	14276	Federal	GW	P	
NBE 11M-17-9-23	17	090S	230E	4304735466	14431	Federal	GW	P	
NBE 10ML-10-9-23	10	090S	230E	4304735650	14377	Federal	GW	P	
NBE 6ML-10-9-23	10	090S	230E	4304735651	14422	Federal	GW	P	
NBE 12ML-17-9-23	17	090S	230E	4304735652	14278	Federal	GW	P	
NBE 6ML-26-9-23	26	090S	230E	4304735664	14378	Federal	GW	P	
NBE 11ML-26-9-23	26	090S	230E	4304735665	14340	Federal	GW	P	
NBE 15ML-26-9-23	26	090S	230E	4304735666	14326	Federal	GW	P	
SG 4MU-23-8-22	23	080S	220E	4304735758	14380	Federal	GW	P	
SG 11MU-14-8-22	14	080S	220E	4304735829	14486	Federal	GW	P	

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Questar Exploration Production Company (N5085) to QEP Energy Company (N3700)  
effective June 14, 2010

well_name	sec	tpw	rng	api	entity	mineral lease	type	stat	C
RB DS FED 1G-7-10-18	07	100S	180E	4304735932	14457	Federal	OW	S	
RB DS FED 14G-8-10-18	08	100S	180E	4304735933	14433	Federal	OW	P	
OU SG 14MU-14-8-22	14	080S	220E	4304735950	14479	Federal	GW	P	
COY 12ML-24-8-24	24	080S	240E	4304736039	14592	Federal	OW	P	
WIH 1AMU-21-8-22	21	080S	220E	4304736060	14980	Federal	GW	P	
SU 8M-12-7-21	12	070S	210E	4304736096	16610	Federal	GW	OPS	C
NBE 4ML-10-9-23	10	090S	230E	4304736098	15732	Federal	GW	P	
NBE 8ML-10-9-23	10	090S	230E	4304736099	15733	Federal	GW	P	
NBE 16ML-10-9-23	10	090S	230E	4304736100	14728	Federal	GW	S	
SUBW 14M-7-7-22	07	070S	220E	4304736136	15734	Federal	GW	P	
NBE 8ML-12-9-23	12	090S	230E	4304736143	15859	Federal	GW	S	
GB 16D-28-8-21	28	080S	210E	4304736260	14981	Federal	GW	P	
NBE 5ML-10-9-23	10	090S	230E	4304736353	15227	Federal	GW	P	
NBE 7ML-10-9-23	10	090S	230E	4304736355	15850	Federal	GW	P	
NBE 3ML-10-9-23	10	090S	230E	4304736356	15393	Federal	GW	P	
EIHX 4MU-36-8-22	36	080S	220E	4304736444	14875	Federal	GW	P	
EIHX 3MU-36-8-22	36	080S	220E	4304736445	14860	Federal	GW	P	
EIHX 2MU-36-8-22	36	080S	220E	4304736446	14840	Federal	GW	S	
EIHX 1MU-36-8-22	36	080S	220E	4304736447	14861	Federal	GW	P	
NBE 7ML-26-9-23	26	090S	230E	4304736587	16008	Federal	GW	P	
NBE 8ML-26-9-23	26	090S	230E	4304736588	15689	Federal	GW	P	
NBE 1ML-26-9-23	26	090S	230E	4304736589	15880	Federal	GW	P	
NBE 2ML-26-9-23	26	090S	230E	4304736590	15898	Federal	GW	S	
NBE 3ML-26-9-23	26	090S	230E	4304736591	15906	Federal	GW	P	
NBE 5ML-26-9-23	26	090S	230E	4304736592	15839	Federal	GW	P	
NBE 9ML-10-9-23	10	090S	230E	4304736593	15438	Federal	GW	P	
NBE 11ML-10-9-23	10	090S	230E	4304736594	15228	Federal	GW	P	
NBE 15ML-10-9-23	10	090S	230E	4304736595	15439	Federal	GW	P	
NBE 2ML-17-9-23	17	090S	230E	4304736614	15126	Federal	GW	P	
NBE 4ML-17-9-23	17	090S	230E	4304736615	15177	Federal	GW	P	
NBE 6ML-17-9-23	17	090S	230E	4304736616	15127	Federal	GW	S	
NBE 10ML-17-9-23	17	090S	230E	4304736617	15128	Federal	GW	P	
NBE 14ML-17-9-23	17	090S	230E	4304736618	15088	Federal	GW	P	
NBE 9ML-26-9-23	26	090S	230E	4304736619	15322	Federal	GW	P	
NBE 10D-26-9-23	26	090S	230E	4304736620	15975	Federal	GW	S	
NBE 12ML-26-9-23	26	090S	230E	4304736621	15840	Federal	GW	P	
NBE 13ML-26-9-23	26	090S	230E	4304736622	15690	Federal	GW	P	
NBE 14ML-26-9-23	26	090S	230E	4304736623	15262	Federal	GW	P	
NBE 16ML-26-9-23	26	090S	230E	4304736624	15735	Federal	GW	P	
WF 1P-1-15-19	06	150S	200E	4304736781	14862	Indian	GW	P	
SG 3MU-23-8-22	14	080S	220E	4304736940	15100	Federal	GW	P	
NBE 5ML-17-9-23	17	090S	230E	4304736941	15101	Federal	GW	P	
TU 14-9-7-22	09	070S	220E	4304737345	16811	Federal	GW	OPS	C
WF 14C-29-15-19	29	150S	190E	4304737541	15178	Indian	GW	P	
NBE 2ML-10-9-23	10	090S	230E	4304737619	15860	Federal	GW	P	
GB 16ML-20-8-22	20	080S	220E	4304737664	15948	Federal	GW	P	
WVX 8ML-5-8-22	05	080S	220E	4304738140		Federal	GW	APD	C
WVX 6ML-5-8-22	05	080S	220E	4304738141		Federal	GW	APD	C
WVX 1MU-17-8-21	17	080S	210E	4304738156		Federal	GW	APD	C
GH 8-20-8-21	20	080S	210E	4304738157		Federal	GW	APD	C
WVX 4MU-17-8-21	17	080S	210E	4304738190		Federal	GW	APD	C

Bonds: BLM = ESB000024

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Questar Exploration Production Company (N5085) to QEP Energy Company (N3700)  
effective June 14, 2010

well_name	sec	tpw	rng	api	entity	mineral lease	type	stat	C
WVX 16MU-18-8-21	18	080S	210E	4304738191		Federal	GW	APD	C
GH 7D-19-8-21	19	080S	210E	4304738267	16922	Federal	GW	P	
WF 8C-15-15-19	15	150S	190E	4304738405	17142	Indian	GW	OPS	C
WVX 1MU-18-8-21	18	080S	210E	4304738659		Federal	GW	APD	C
WVX 9MU-18-8-21	18	080S	210E	4304738660		Federal	GW	APD	C
GB 12SG-29-8-22	29	080S	220E	4304738766	16096	Federal	GW	S	
GB 10SG-30-8-22	30	080S	220E	4304738767	16143	Federal	GW	S	
FR 14P-20-14-20	20	140S	200E	4304739168	16179	Federal	GW	P	
SU 11M-8-7-22	08	070S	220E	4304739175		Federal	GW	APD	C
HB 2M-9-7-22	09	070S	220E	4304739176		Federal	GW	APD	C
SUMA 4M-20-7-22	20	070S	220E	4304739177		Federal	GW	APD	C
SU 16M-31-7-22	31	070S	220E	4304739178		Federal	GW	APD	C
FR 13P-20-14-20	20	140S	200E	4304739226	16719	Federal	GW	P	
SG 11BML-23-8-22	23	080S	220E	4304739230		Federal	GW	APD	C
SG 12DML-23-8-22	23	080S	220E	4304739231		Federal	GW	APD	C
GB 1CML-29-8-22	29	080S	220E	4304739232		Federal	GW	APD	C
NBE 8CD-10-9-23	10	090S	230E	4304739341	16513	Federal	GW	P	
NBE 15AD-10-9-23	10	090S	230E	4304739342		Federal	GW	APD	C
NBE 6DD-10-9-23	10	090S	230E	4304739343		Federal	GW	APD	C
NBE 6AD-10-9-23	10	090S	230E	4304739344		Federal	GW	APD	C
NBE 6BD-10-9-23	10	090S	230E	4304739345		Federal	GW	APD	C
NBE 5DD-10-9-23	10	090S	230E	4304739346	16574	Federal	GW	P	
NBE 7BD-17-9-23	17	090S	230E	4304739347		Federal	GW	APD	C
NBE 4DD-17-9-23	17	090S	230E	4304739348	16743	Federal	GW	P	
NBE 10CD-17-9-23	17	090S	230E	4304739349	16616	Federal	GW	P	
NBE 11CD-17-9-23	17	090S	230E	4304739350		Federal	GW	APD	C
NBE 8BD-26-9-23	26	090S	230E	4304739351	16617	Federal	GW	P	
NBE 3DD-26-9-23	26	090S	230E	4304739352		Federal	GW	APD	C
NBE 3CD-26-9-23	26	090S	230E	4304739353		Federal	GW	APD	C
NBE 7DD-26-9-23	26	090S	230E	4304739354		Federal	GW	APD	C
NBE 12AD-26-9-23	26	090S	230E	4304739355		Federal	GW	APD	C
NBE 5DD-26-9-23	26	090S	230E	4304739356		Federal	GW	APD	C
NBE 13AD-26-9-23	26	090S	230E	4304739357		Federal	GW	APD	C
NBE 14AD-26-9-23	26	090S	230E	4304739358		Federal	GW	APD	C
NBE 9CD-26-9-23	26	090S	230E	4304739359		Federal	GW	APD	C
FR 9P-20-14-20	20	140S	200E	4304739461	17025	Federal	GW	S	
FR 13P-17-14-20	17	140S	200E	4304739462		Federal	GW	APD	C
FR 9P-17-14-20	17	140S	200E	4304739463	16829	Federal	GW	P	
FR 10P-20-14-20	20	140S	200E	4304739465		Federal	GW	APD	C
FR 5P-17-14-20	17	140S	200E	4304739509		Federal	GW	APD	C
FR 15P-17-14-20	17	140S	200E	4304739510		Federal	GW	APD	C
FR 11P-20-14-20	20	140S	200E	4304739587		Federal	GW	APD	
FR 5P-20-14-20	20	140S	200E	4304739588		Federal	GW	APD	C
FR 9P-21-14-20	21	140S	200E	4304739589		Federal	GW	APD	C
FR 13P-21-14-20	21	140S	200E	4304739590		Federal	GW	APD	C
GB 7D-27-8-21	27	080S	210E	4304739661		Federal	GW	APD	C
GB 15D-27-8-21	27	080S	210E	4304739662	16830	Federal	GW	P	
WV 13D-23-8-21	23	080S	210E	4304739663	16813	Federal	GW	P	
WV 15D-23-8-21	23	080S	210E	4304739664	16924	Federal	GW	P	
FR 14P-17-14-20	17	140S	200E	4304739807		Federal	GW	APD	C
FR 12P-20-14-20	20	140S	200E	4304739808		Federal	GW	APD	C

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Questar Exploration Production Company (N5085) to QEP Energy Company (N3700)  
effective June 14, 2010

well_name	sec	tpw	rng	api	entity	mineral lease	type	stat	C
FR 6P-20-14-20	20	140S	200E	4304739809	16925	Federal	GW	P	
FR 3P-21-14-20	21	140S	200E	4304739810		Federal	GW	APD	C
FR 4P-21-14-20	21	140S	200E	4304739811	16771	Federal	GW	P	
FR 8P-21-14-20	21	140S	200E	4304739812		Federal	GW	APD	C
FR 15P-21-14-20	21	140S	200E	4304739815		Federal	GW	APD	C
FR 2P-20-14-20	20	140S	200E	4304740053		Federal	GW	APD	
FR 2P-21-14-20	21	140S	200E	4304740200		Federal	GW	APD	C
WV 11-23-8-21	23	080S	210E	4304740303		Federal	GW	APD	C
GB 12-27-8-21	27	080S	210E	4304740304		Federal	GW	APD	C
GH 11C-20-8-21	20	080S	210E	4304740352		Federal	GW	APD	C
GH 15A-20-8-21	20	080S	210E	4304740353		Federal	GW	APD	C
GH 10BD-21-8-21	21	080S	210E	4304740354		Federal	GW	APD	C
FR 11P-21-14-20	21	140S	200E	4304740366		Federal	GW	APD	C
MELANGE U 1	09	140S	200E	4304740399		Federal	GW	APD	C
OP 16G-12-7-20	12	070S	200E	4304740481	17527	Federal	OW	DRL	C
OP 4G-12-7-20	12	070S	200E	4304740482		Federal	OW	APD	C
WF 8D-21-15-19	21	150S	190E	4304740489		Indian	GW	APD	C
WF 15-21-15-19	21	150S	190E	4304740490		Indian	GW	APD	
WF 4D-22-15-19	22	150S	190E	4304740491		Indian	GW	APD	C

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## United States Department of the Interior

### BUREAU OF LAND MANAGEMENT

Utah State Office

P.O. Box 45155

Salt Lake City, UT 84145-0155

<http://www.blm.gov/ut/st/en.html>



IN REPLY REFER TO:

3100

(UT-922)

JUL 28 2010

#### Memorandum

To: Vernal Field Office, Price Field Office, Moab Field Office

From: Chief, Branch of Minerals

*Roger L. Bankert*

Subject: Name Change Recognized

Attached is a copy of the Certificate of Name Change issued by the Texas Secretary of State and a decision letter recognizing the name change from the Eastern States Office. We have updated our records to reflect the name change in the attached list of leases.

The name change from **Questar Exploration and Production Company** into **QEP Energy Company** is effective June 8, 2010.

cc: MMS  
UDOGM

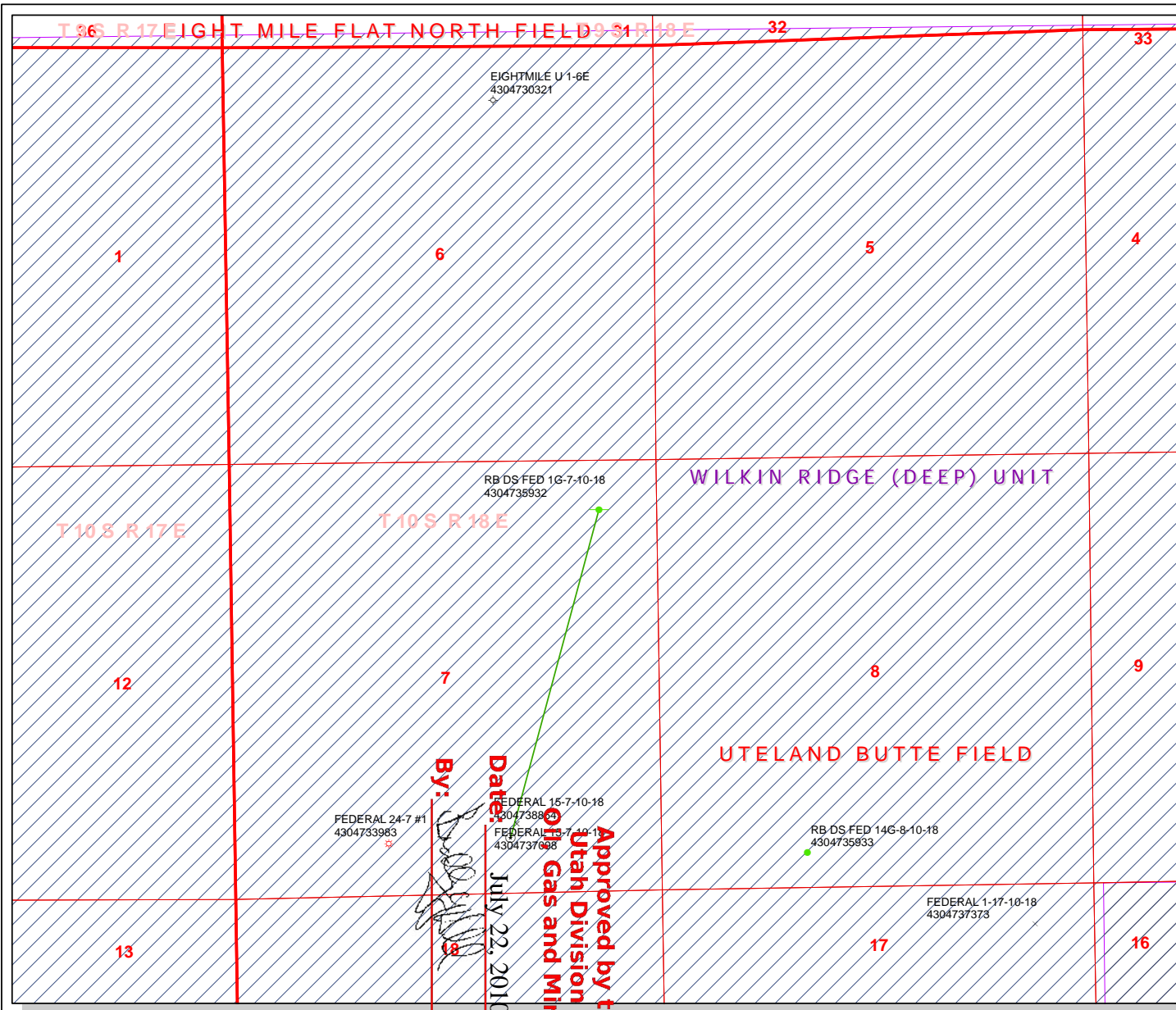
RECEIVED

AUG 16 2010

DIV. OF OIL, GAS & MINES

API Well No: 43047359320000

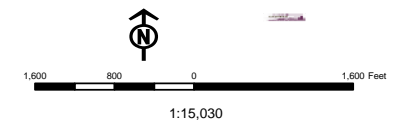
<b>STATE OF UTAH</b> DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		<b>FORM 9</b>																														
<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>  Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		<b>5.LEASE DESIGNATION AND SERIAL NUMBER:</b> UTU-81003																														
<b>1. TYPE OF WELL</b> Oil Well		<b>6. IF INDIAN, ALLOTTEE OR TRIBE NAME:</b>																														
<b>2. NAME OF OPERATOR:</b> QEP ENERGY COMPANY		<b>7.UNIT or CA AGREEMENT NAME:</b>																														
<b>3. ADDRESS OF OPERATOR:</b> 11002 East 17500 South , Vernal, Ut, 84078		<b>8. WELL NAME and NUMBER:</b> RB DS FED 1G-7-10-18																														
<b>4. LOCATION OF WELL FOOTAGES AT SURFACE:</b> 0609 FNL 0699 FEL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: NENE Section: 07 Township: 10.0S Range: 18.0E Meridian: S		<b>9. API NUMBER:</b> 43047359320000																														
<b>PHONE NUMBER:</b> 303 308-3068 Ext		<b>9. FIELD and POOL or WILDCAT:</b> UTELAND BUTTE																														
<b>COUNTY:</b> UINTAH		<b>STATE:</b> UTAH																														
<b>11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA</b>																																
<b>TYPE OF SUBMISSION</b>  <input checked="" type="checkbox"/> <b>NOTICE OF INTENT</b> Approximate date work will start: 8/31/2010  <input type="checkbox"/> <b>SUBSEQUENT REPORT</b> Date of Work Completion:  <input type="checkbox"/> <b>SPUD REPORT</b> Date of Spud:  <input type="checkbox"/> <b>DRILLING REPORT</b> Report Date:	<b>TYPE OF ACTION</b>  <table style="width:100%; border: none;"> <tr> <td><input type="checkbox"/> ACIDIZE</td> <td><input type="checkbox"/> ALTER CASING</td> <td><input type="checkbox"/> CASING REPAIR</td> </tr> <tr> <td><input type="checkbox"/> CHANGE TO PREVIOUS PLANS</td> <td><input type="checkbox"/> CHANGE TUBING</td> <td><input type="checkbox"/> CHANGE WELL NAME</td> </tr> <tr> <td><input type="checkbox"/> CHANGE WELL STATUS</td> <td><input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS</td> <td><input type="checkbox"/> CONVERT WELL TYPE</td> </tr> <tr> <td><input checked="" type="checkbox"/> DEEPEN</td> <td><input type="checkbox"/> FRACTURE TREAT</td> <td><input type="checkbox"/> NEW CONSTRUCTION</td> </tr> <tr> <td><input type="checkbox"/> OPERATOR CHANGE</td> <td><input type="checkbox"/> PLUG AND ABANDON</td> <td><input type="checkbox"/> PLUG BACK</td> </tr> <tr> <td><input type="checkbox"/> PRODUCTION START OR RESUME</td> <td><input type="checkbox"/> RECLAMATION OF WELL SITE</td> <td><input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION</td> </tr> <tr> <td><input type="checkbox"/> REPERFORATE CURRENT FORMATION</td> <td><input type="checkbox"/> SIDETRACK TO REPAIR WELL</td> <td><input type="checkbox"/> TEMPORARY ABANDON</td> </tr> <tr> <td><input type="checkbox"/> TUBING REPAIR</td> <td><input type="checkbox"/> VENT OR FLARE</td> <td><input type="checkbox"/> WATER DISPOSAL</td> </tr> <tr> <td><input type="checkbox"/> WATER SHUTOFF</td> <td><input type="checkbox"/> SI TA STATUS EXTENSION</td> <td><input type="checkbox"/> APD EXTENSION</td> </tr> <tr> <td><input type="checkbox"/> WILDCAT WELL DETERMINATION</td> <td><input type="checkbox"/> OTHER</td> <td>OTHER:  </td> </tr> </table>		<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> CONVERT WELL TYPE	<input checked="" type="checkbox"/> DEEPEN	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> PRODUCTION START OR RESUME	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	<input type="checkbox"/> TEMPORARY ABANDON	<input type="checkbox"/> TUBING REPAIR	<input type="checkbox"/> VENT OR FLARE	<input type="checkbox"/> WATER DISPOSAL	<input type="checkbox"/> WATER SHUTOFF	<input type="checkbox"/> SI TA STATUS EXTENSION	<input type="checkbox"/> APD EXTENSION	<input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> OTHER	OTHER:
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<b>12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.</b> QEP Energy Company proposes to deepen the above mentioned well and drill a <b>horizontal lateral</b> through the Uteland Butte Member of the Green River Formation. The TD for this well will be 9,100' MD. There will be no additional surface disturbance needed for this request. Bottom Hole Footages are: 660' FSL 1980' FEL, SWSE, Section 7, T10S, R18E S.L.B.&M. Please find attached: 1.Re-Entry Procedure 2.Drilling Proposal 3.8-point drilling plan 4.Proposed well bore diagram QEP Energy Company is requesting that this information be held confidential.																																
<b>Approved by the Utah Division of Oil, Gas and Mining</b>		<b>Date:</b> July 22, 2010  <b>By:</b>																														
<b>NAME (PLEASE PRINT)</b> Jan Nelson		<b>PHONE NUMBER</b> 435 781-4331																														
<b>SIGNATURE</b> N/A		<b>TITLE</b> Permit Agent																														
<b>DATE</b> 7/12/2010																																



**API Number: 4304735932**  
**Well Name: RB DS FED 1G-7-10-18**  
**Township 10.0 S Range 18.0 E Section 07**  
**Meridian: SLBM**  
**Operator: QEP ENERGY COMPANY**

Map Prepared:  
 Map Produced by Diana Mason

Units	Wells Query
STATUS	STATUS
ACTIVE	APD - Approved Permit
EXPLORATORY	DRL - Spudded (Drilling Commenced)
GAS STORAGE	GIW - Gas Injection
NF PP OIL	GS - Gas Storage
NF SECONDARY	LA - Location Abandoned
PI OIL	LOC - New Location
PP GAS	OPS - Operation Suspended
PP GEOTHERMAL	PA - Plugged Abandoned
PP OIL	PGW - Producing Gas Well
SECONDARY	POW - Producing Oil Well
TERMINATED	RET - Returned APD
Fields	SGW - Shut-in Gas Well
Sections	SOW - Shut-in Oil Well
Township	TA - Temp. Abandoned
	TW - Test Well
	WDW - Water Disposal
	WWI - Water Injection Well
	WSW - Water Supply Well



**Approved by the**  
**Utah Division of**  
**Oil, Gas and Mining**  
**By: [Signature]**  
**Date: July 22, 2010**

**T10S, R18E, S.L.B.&M.**

**QUESTAR EXPLR. & PROD.**

Well location, RB DS FEDERAL #1G-7-10-18, located as shown in the NE 1/4 NE 1/4 of Section 7, T10S, R18E, S.L.B.&M., Uintah County, Utah.

**BASIS OF ELEVATION**

TRIANGULATION STATION FLUK VABM LOCATED IN THE SOUTHEAST 1/4 OF SECTION 32, T9S, R18E, S.L.B.&M., TAKEN FROM THE CROW KNOLL QUADRANGLE, UTAH, UTAH COUNTY 7.5 MINUTE SERIES (TOPOGRAPHICAL MAP) PUBLISHED BY THE UNITED STATES DEPARTMENT OF THE INTERIOR, GEOLOGICAL SURVEY. SAID ELEVATION IS MARKED AS BEING 5244 FEET.

**BASIS OF BEARINGS**

BASIS OF BEARINGS IS A G.P.S. OBSERVATION.

**LEGEND:**

- └ = 90° SYMBOL
- = PROPOSED WELL HEAD.
- ▲ = SECTION CORNERS LOCATED.



SCALE

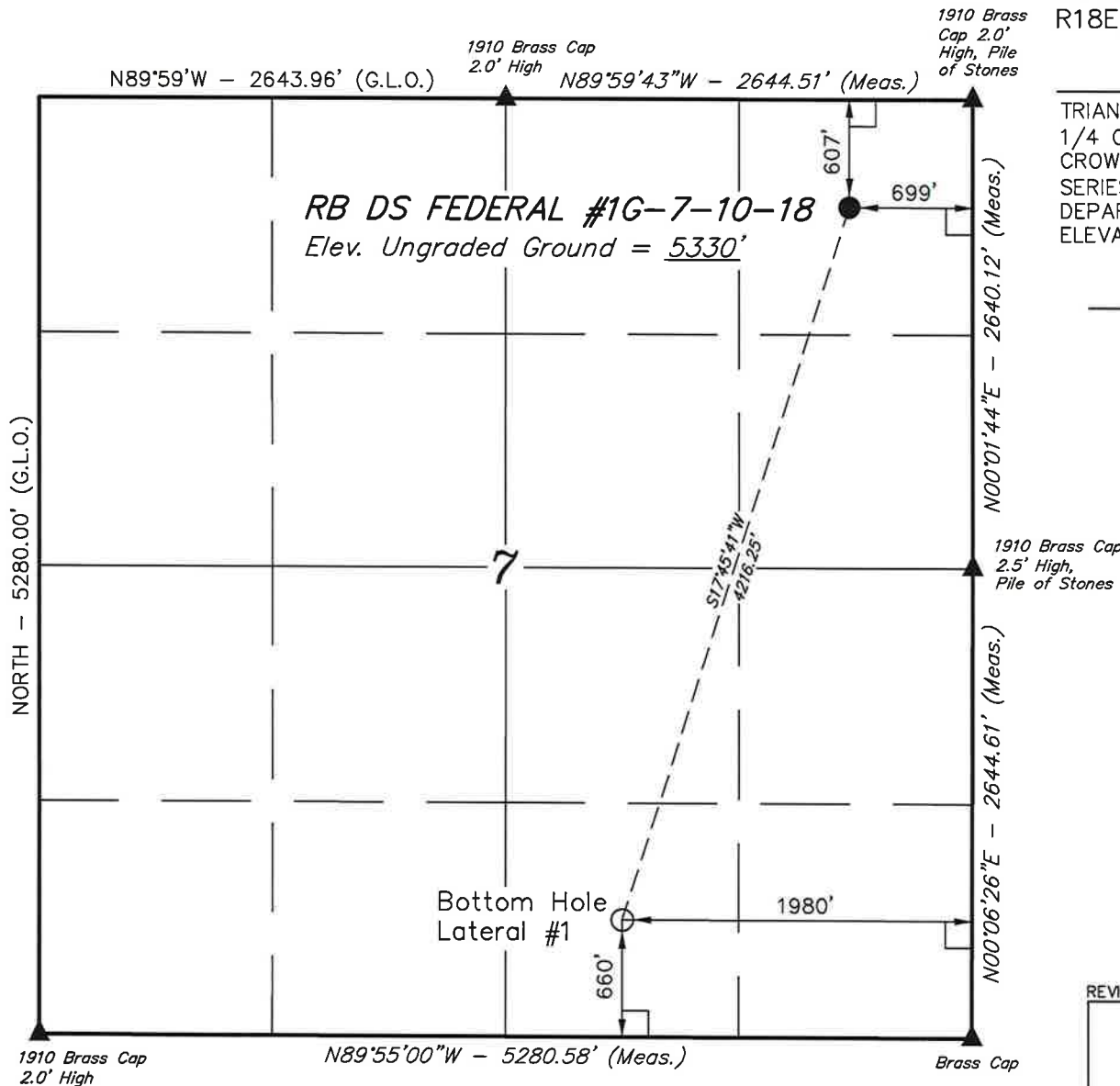
**CERTIFICATE**

THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

REGISTERED LAND SURVEYOR  
REGISTRATION NO. 161319  
STATE OF UTAH

REVISED: 07-07-10

**UINTAH ENGINEERING & LAND SURVEYING**  
85 SOUTH 200 EAST - VERNAL, UTAH 84078  
(435) 789-1017



AUTONOMOUS NAD 83 (TARGET BOTTOM HOLE LATERAL #1) LATITUDE = 39°57'10.92" (39.953033) LONGITUDE = 109°56'01.63" (109.933786)	AUTONOMOUS NAD 83 (SURFACE LOCATION) LATITUDE = 39°57'50.59" (39.964053) LONGITUDE = 109°55'45.14" (109.929206)	SCALE 1" = 1000'	DATE SURVEYED: 02-04-10	DATE DRAWN: 03-02-10
AUTONOMOUS NAD 27 (TARGET BOTTOM HOLE LATERAL #1) LATITUDE = 39°57'11.05" (39.953069) LONGITUDE = 109°55'59.10" (109.933083)	AUTONOMOUS NAD 27 (SURFACE LOCATION) LATITUDE = 39°57'50.72" (39.964089) LONGITUDE = 109°55'42.61" (109.928503)	PARTY T.A. D.P.  WEATHER COLD	REFERENCES G.L.O. PLAT  FILE QUESTAR EXPLR. & PROD.	

RECEIVED July 12, 2010



# QUESTAR EXPLORATION AND PRODUCTION

**RB DS 1G-7-10-18**

**API: 43-047-35932**

## **Summarized Re-Entry Procedure**

1. Rig down pumping unit, clear location of all unnecessary equipment.
2. MIRU pulling unit.
3. ND tubing head, NU BOP's (3M).
4. Pull out of hole with rods and pump.
5. Unseat tubing anchor and POOH with tubing, TAC, PSN, and pup joints.
6. PU bit and 5 1/2" casing scraper, RIH to PBTD.
7. Roll hole with hot oiler, TOO H with bit and scraper.
8. RU wireline truck and RIH with CIBP and set above collar closest to 4,773'.
9. ND BOP's
10. RD pulling unit, move off location.
11. MIRU drilling rig.
12. NU rig's 3,000 WP rated BOP.
13. RIH with whipstock, orient and set whipstock on top of CIBP
14. Shear setting pins and start milling operations, mill window in 5 1/2" casing. Work mills in and out of window several times.
15. TOO H, PU directional BHA and gyro tool, TIH.
16. Gyro steer the well until the MWD tools have cleared the casing and are providing accurate readings.
17. Pull gyro tool and continue to drill with MWD to land in the C Lime formation.
18. Drill ~3,600' of lateral in the Uteland Butte C Lime in the 197° azimuth with a 2.15° apparent up dip angle.
  - a. Mud system to be a water based mud, weights are expected to be in the 8.8 – 9.8 ppg range.
19. Circulate and condition hole, TOO H.
  - a. PU 3 1/2" liner and run through the lateral and curve.
  - b. RIH w/ liner and liner hanger, hang liner 10' inside of the casing window.
  - c. TOO H laying down drill pipe.
20. RIH and set CBP @ +/- 4,000' to isolate lateral.
21. ND BOP's.
22. RDMOL.

DRILLING PROGRAM

ONSHORE OIL & GAS ORDER NO. 1  
Approval of Operations on Onshore  
Federal Oil and Gas Leases

All lease and/or unit operations will be conducted in such a manner that full compliance is made with applicable laws, regulations (43 CFR 3100), Onshore Oil & Gas No. 1, and the approved plan of operations. The operator is fully responsible for the actions of its subcontractors. A copy of these conditions will be furnished the field representative to insure compliance.

1. **Formation Tops**

The estimated top of important geologic markers are as follows:

SSW Lateral #1:

<u>Formation</u>	<u>Depth, TVD</u>	<u>Depth, MD</u>
Green River	1,100'	1,100'
Kick Off Point	4,764'	4,765'
Uteland Butte C Lime	5,115'	5,333'
TD	4,974'	9,100'

2. **Anticipated Depths of Oil, Gas, Water, and Other Mineral Bearing Zones**

The estimated depths at which the top and bottom of the anticipated water, oil, gas, or other mineral bearing formations are expected to be encountered as follows:

SSW Lateral #1:

<u>Substance</u>	<u>Formation</u>	<u>Depth, TVD</u>	<u>Depth, MD</u>
Oil/Gas	Uteland Butte C Lime	4,974' – 5,115'	5,333' – 9,100'

All fresh water and prospectively valuable minerals encountered during drilling will be recorded by depth and adequately protected. All oil and gas shows will be tested to determine commercial potential.

All water shows and water-bearing sands will be reported to the BLM in Vernal, Utah. Copies of State of Utah form OGC-8-X are acceptable. If flows are detected, samples will be submitted to the BLM along with any water analyses conducted. Fresh water will be obtained from Wonsits Valley water right A36125 (which was filed on May 7, 1964) or Red Wash water right # 49-2153 (which was filed on March 25, 1960). It was determined by the Fish and Wildlife Service that any water right number filed before 1989 is not depleting to the Upper Colorado River System, to supply fresh water for drilling purposes. All water resulting from drilling operations will be disposed of at Red Wash Central Battery Disposal site; SWSE, Section 27, T7S, R23E or Wonsits Valley Disposal Site; SWNW, Section 12, T8S, R21E.

**3. Operator's Specification for Pressure Control Equipment**

- A. 3,000 psi double gate, 3,000 psi annular (schematic attached)
- B. Function test daily.
- C. All casing strings shall be pressure tested (0.22 psi/ft or 1,500 psi, whichever is greater) prior to drilling the plug after cementing; test pressure shall not exceed the internal yield of the casing.
- D. Ram type preventers and associated equipment shall be tested to rated working pressure if isolated by a test plug or to 50% of the internal yield pressure of casing, whichever is less. BOP and related equipment shall meet the minimum requirements of Onshore Oil & Gas Order No. 2 for equipment and testing requirements, procedures, etc..., for a 3M system and individual components shall be operable as designed.

**4. Casing Program**

Hole Size	Casing Size	Top, MD	Bottom, MD	Weight, lb/ft	Grade	Thread	Condition	MW
12 1/4"	9 5/8"	sfc	488'	36.0	J-55	STC	Existing	N/A
7 7/8"	5 1/2"	sfc	5,346'	15.5	J-55	LTC	Existing	8-9 ppg

Casing Strengths:				Collapse	Burst	Tensile (minimum)
9 5/8"	36.0 lb.	J-55	STC	2,020 psi	3,520 psi	394,000 lb.
5 1/2"	15.5 lb.	J-55	LTC	4,040 psi	4,810 psi	217,000 lb.

The Lateral will be lined with casing.

**SSW Lateral #1:**

Hole Size	Casing Size	Top, MD	Bottom, MD	Weight	Grade	MW
4 3/4"	3 1/2"	4,757'	9,100'	9.2	P-110	8 – 10 ppg

Casing Strengths:				Collapse	Burst	Tensile (minimum)
3 1/2"	9.3 lb.	P-110	LTC	12,620 psi	13,970 psi	218,000 lb.

Please refer to the attached wellbore diagram and re-entry procedure for further details.

5. **Cementing Program**

**SSW Lateral #1: 4,757' – 9,100'**  
No cement, liner hung in open hole.

6. **Auxilliary Equipment**

- a. Kelly Cock – Yes
- b. Float at the bit – No
- c. Monitoring equipment on the mud system – visually and/or PVT or Flow Show
- d. Fully opening safety valve on the rig floor – Yes
- e. Rotating Head – Yes

Drilling the surface hole with air:

A variance from 43 CFR 3160 Onshore Oil and Gas Order #2, Section III requirements, subsection E Special Drilling Operations is requested for the specific operation of drilling and setting surface casing on the subject well with a truck mounted air rig. The variance from the following requirements of Order #2 is requested because surface casing depth for this well is less than 500 feet and high pressures are not expected.

- f. **Properly lubricated and maintained rotating head.** A diverter system in place of a rotating head. The diverter system forces the air and cutting returns to the reserve pit and is used to drill the surface casing.
- g. **Blooie line discharge 100' from well bore and securely anchored.** The blooie line discharge for this operation will be located 50 to 70 feet from the wellhead. This reduced length is necessary due to the smaller location size to minimize surface disturbance.
- h. **Automatic ignitor or continuous pilot light on the blooie line.** A diffuser will be used rather than an automatic pilot/ignitor. Water is injected into the compressed air and eliminates the need for the pilot light and the need for dust suppression equipment.
- i. **Compressors located in the opposite direction from the blooie line a minimum of 100 feet from the well bore.** Compressors located 50 feet on the opposite side of the well bore from the blooie line and is equipped with a

- 1) emergency kill switch on the driller's console, 2) pressure relief valve on the compressor, 3) spark arrestors on the motors.

Drilling of the laterals will be done with fresh water NaCl based mud systems consisting primarily of fresh water, bentonite, lignite, caustic, lime, soda ash, polymers, and NaCl. No chromates will be used. It is not intended to use oil in the mud, however, in the event it is used the concentration will be less than 4% by volume. Maximum anticipated mud weight is 10.0 ppg.

No minimum quantity of weight material will be required to be kept on location.

PVT/Flow show will be used upon exit of surface casing to TD.

Gas detector will be used upon exit of surface casing to TD.

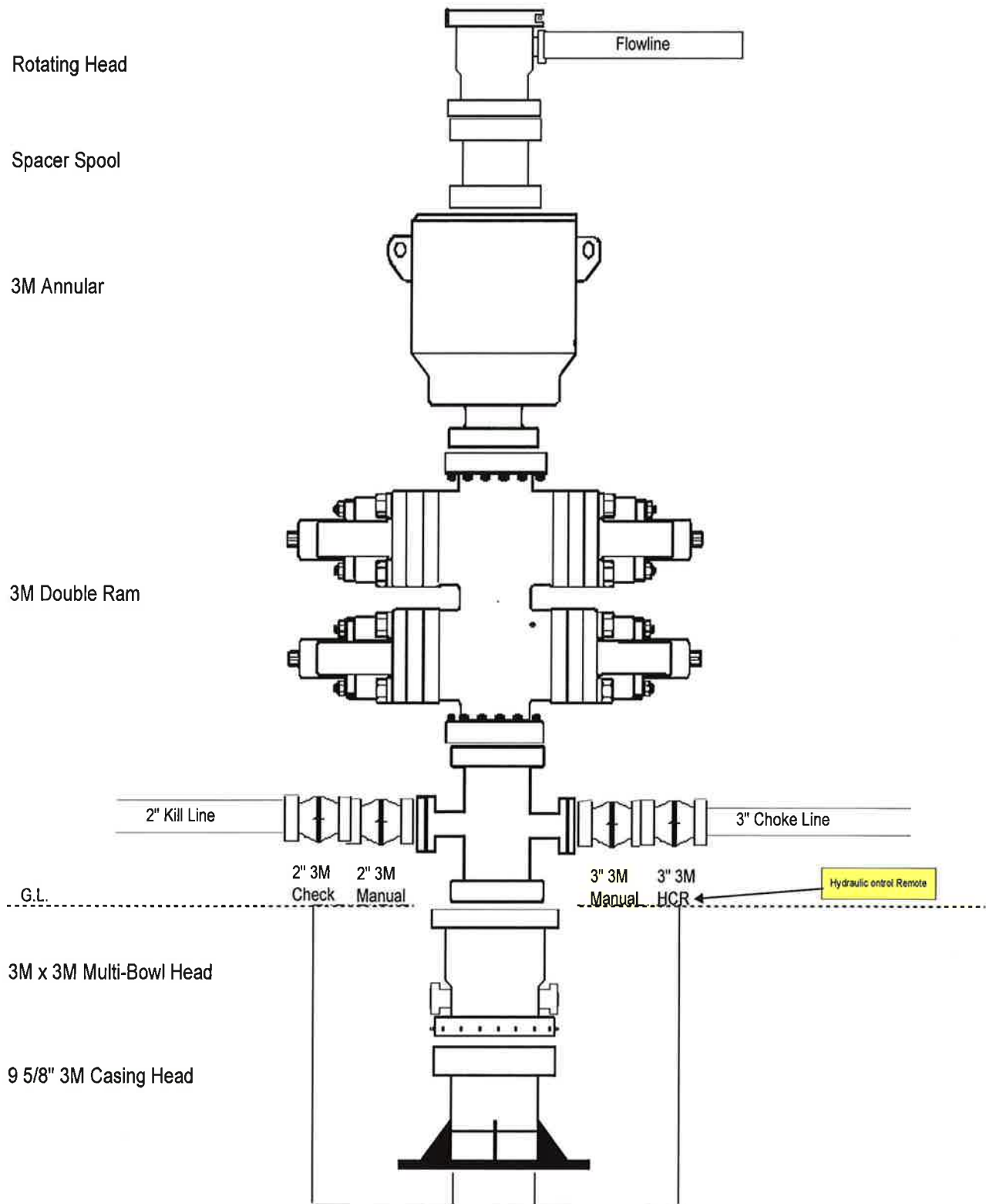
**7. Testing, Logging, and Coring Program**

- a. Cores – None Anticipated
- b. DST – None Anticipated
- c. Logging:
  - i. Mud logging from casing exit to TD
  - ii. MWD-GR will be utilized during drilling operations to aid in landing the curve and maintaining the laterals within the desired zone.
- d. Formation and completion interval: G1 Lime interval, final determination of completion will be made by analysis of mud logging data. Stimulation: stimulation will be designed for the particular area of interest encountered.

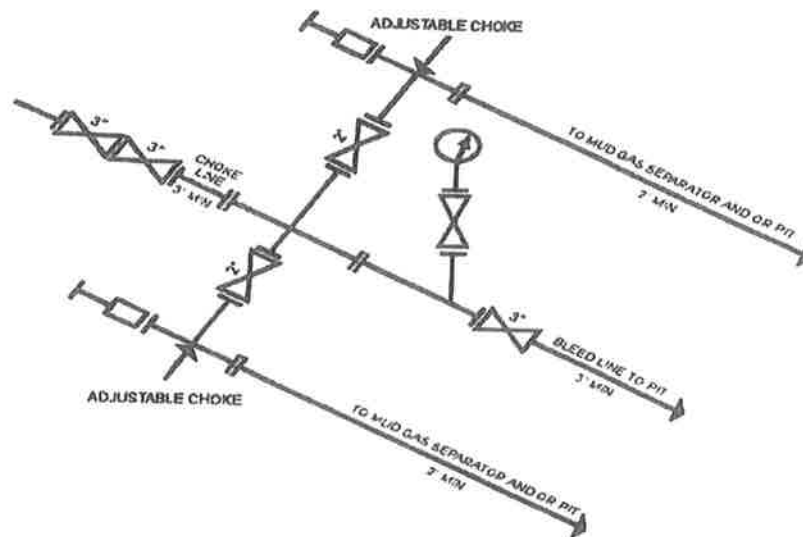
**8. Anticipated Abnormal Pressures and Temperatures, Other Potential Hazards**

No abnormal temperatures or pressures are anticipated. No H<sub>2</sub>S has been encountered or is known to exist from previous wells drilled to similar depths in the general area. Maximum anticipated bottom-hole pressure equals approximately 3,500 psi. Maximum anticipated bottom hole temperature is approximately 150°F.

ONSHORE OIL & GAS ORDER NO. 1  
 QUESTAR EXPLORATION AND PRODUCTION COMPANY  
 BOP Schematic, 3M  
 3M BOP STACK

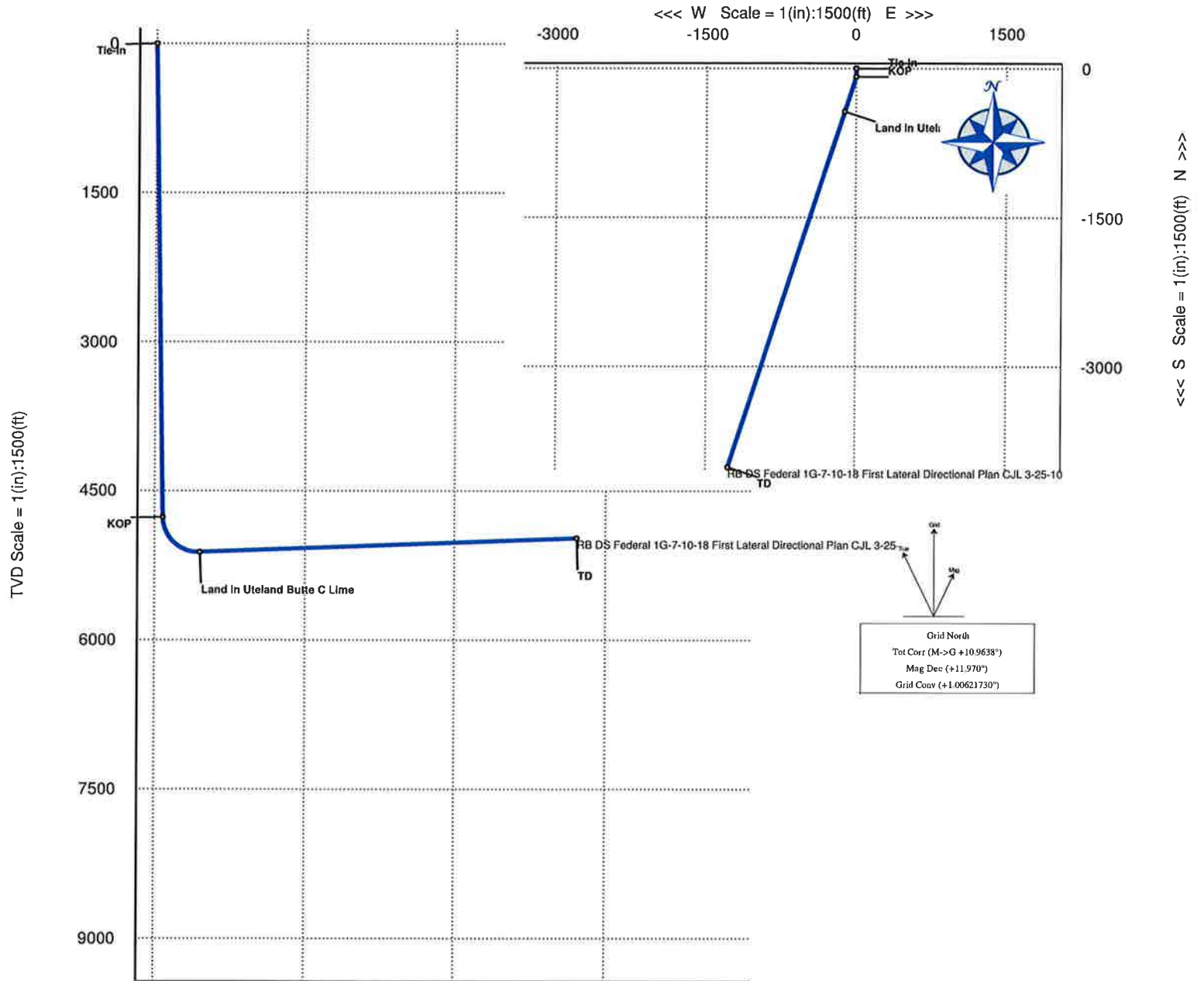


ONSHORE OIL & GAS ORDER NO. 1  
QUESTAR EXPLORATION AND PRODUCTION COMPANY  
BOP Schematic, 3M



**3M CHOKE MANIFOLD EQUIPMENT - CONFIGURATION OF CHOKES MAY VARY**  
[54 FR 39528, Sept. 27, 1989]

WELL <b>RB DS 1G-7-10-18</b>			FIELD <b>Uinta</b>			STRUCTURE <b>Desert Springs</b>		
Magnetic Parameters Model: IGRF 2005			Surface Location Lat: N39 57 50.590 Lon: W109 55 45.140			Miscellaneous Slot: RB DS 1G-7-10-18 Plan: RB DS Federal 1G-7-10-18 First Lateral Directional Plan C.J.L. 3-25-10		
Dip: 65.901° Mag Dec: +11.970°			Date: March 25, 2010 FS: 52826.8 nT			TVD Ref: KB (5344.00 ft above MSL)		
			NAD83 Utah State Planes, Central Zone, US Feet Northing: 7159495.74 RUS Easting: 2080659.78 RUS Grid Conv: +1.00621730° Scale Fact: 0.9999013496					



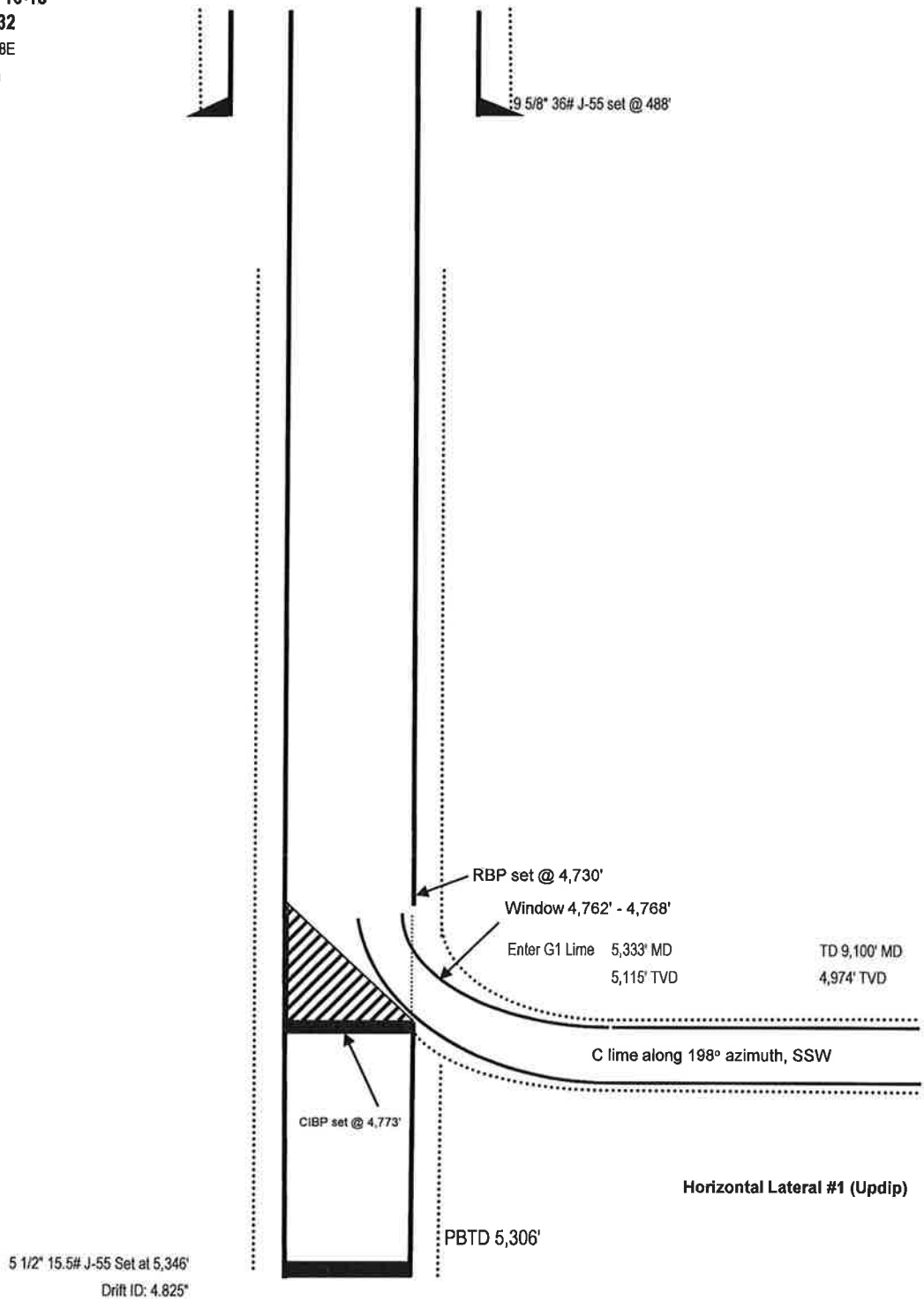
Target Name		Shape	Major Axis	N(±)S(±)	Grid Coord	TYD	YSec	Local Coord	N(±)S(±)	E(±)W(±)
Target Description										
Critical Points		MD	INCL	AZIM	TYD	YSEC		N(±)S(±)	E(±)W(±)	DLS
Tie-In		0.00	1.00	180.00	0.00	0.00		0.00	0.00	
KOP		4765.00	1.00	180.00	4764.27	79.24		-83.16	0.00	0.00
Land in Uteland Butte C Lime		5333.10	92.15	198.00	5115.00	449.49		-435.89	-112.54	16.05
TD		9100.00	92.15	198.00	4973.68	4213.68		-4015.91	-1275.76	0.00

**Legend**

RB DS Federal 1G-7-10-18 First Later

Quality Control  
Date Drawn: Thu 02:31 PM March 25, 2010  
Drawn by: Current User  
Checked by:  
Client OK:

**Proposed**  
**RB DS Federal 1G-7-10-18**  
**API# 43-047-35932**  
SENE Sec 7 T10S R18E  
Uintah County, Utah  
KB 5,344'  
GL 5,330'  
Spud Date: 19??



**RECEIVED** July 12, 2010

API Well No: 43047359320000

<b>STATE OF UTAH</b> DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		<b>FORM 9</b>																														
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<b>12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.</b> This sundry is being submitted to inform you that the <b>correct footage for surface location is: 607' FNL 699' FEL</b> , NENE, Section 7, T10S, R18E. Please see attached legal plat.																																
<b>Approved by the Utah Division of Oil, Gas and Mining</b>		<b>Date:</b> July 22, 2010  <b>By:</b>																														
<b>NAME (PLEASE PRINT)</b> Jan Nelson		<b>PHONE NUMBER</b> 435 781-4331																														
<b>SIGNATURE</b> N/A		<b>TITLE</b> Permit Agent																														
<b>DATE</b> 7/20/2010																																

API Well No: 43047359320000

<b>STATE OF UTAH</b> DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		<b>FORM 9</b>																														
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<b>2. NAME OF OPERATOR:</b> QEP ENERGY COMPANY		<b>7. UNIT or CA AGREEMENT NAME:</b>  																														
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<b>NAME (PLEASE PRINT)</b> Jan Nelson		<b>PHONE NUMBER</b> 435 781-4331																														
<b>SIGNATURE</b> N/A		<b>TITLE</b> Permit Agent																														
<b>DATE</b> 9/29/2010																																

**RECEIVED** September 29, 2010

# United States Department of the Interior

## BUREAU OF LAND MANAGEMENT

Utah State Office  
P.O. Box 45155  
Salt Lake City, Utah 84145-0155

IN REPLY REFER TO:  
3160  
(UT-922)

October 8, 2010

Memorandum

To: Assistant District Manager Minerals, Vernal District  
From: Michael Coulthard, Petroleum Engineer  
Subject: 2010 Plan of Development Nemo Unit, Duchesne  
and Uintah Counties, Utah.

Pursuant to email between Diana Whitney, Division of Oil, Gas and Mining, and Mickey Coulthard, Utah State Office, Bureau of Land Management, the following well is planned for re-entry and completion as a dual horizontal well. The work is planned for calendar year 2010 within the Nemo Unit, Uintah County, Utah

API #	WELL NAME	LOCATION
(Proposed PZ GREEN RIVER)		
43-047-35932	RB DS 1G-7-10-18 0607 FNL 0699 FEL SEC 07 T10S R18E	
	Lateral 1 0660 FSL 1980 FEL SEC 07 T10S R18E	
	Lateral 2 2330 FNL 1550 FWL Sec 05 T10S R18E	

Please be advised that this is the obligation well for the Nemo Unit. This office has no objection to permitting the well at this time.

**Approved by the  
Utah Division of  
Oil, Gas and Mining**

Michael L. Coulthard

Digitally signed by Michael L. Coulthard  
DN: cn=Michael L. Coulthard, o=Bureau of Land Management,  
ou=Branch of Minerals, email=Michael\_Coulthard@blm.gov, c=US  
Date: 2010.10.08 08:24:50 -06'00'

**Date:** October 11, 2010

**By:**



bcc: File - Nemo Unit  
Division of Oil Gas and Mining  
Central Files  
Agr. Sec. Chron  
Fluid Chron

MCoulthard:mc:10-8-10

<b>STATE OF UTAH</b> DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		<b>FORM 9</b>			
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<b>NAME (PLEASE PRINT)</b> Jan Nelson		<b>PHONE NUMBER</b> 435 781-4331			
<b>SIGNATURE</b> N/A		<b>TITLE</b> Permit Agent			
		<b>DATE</b> 9/29/2010			

T10S, R18E, S.L.B.&M.

QUESTAR EXPLR. & PROD.

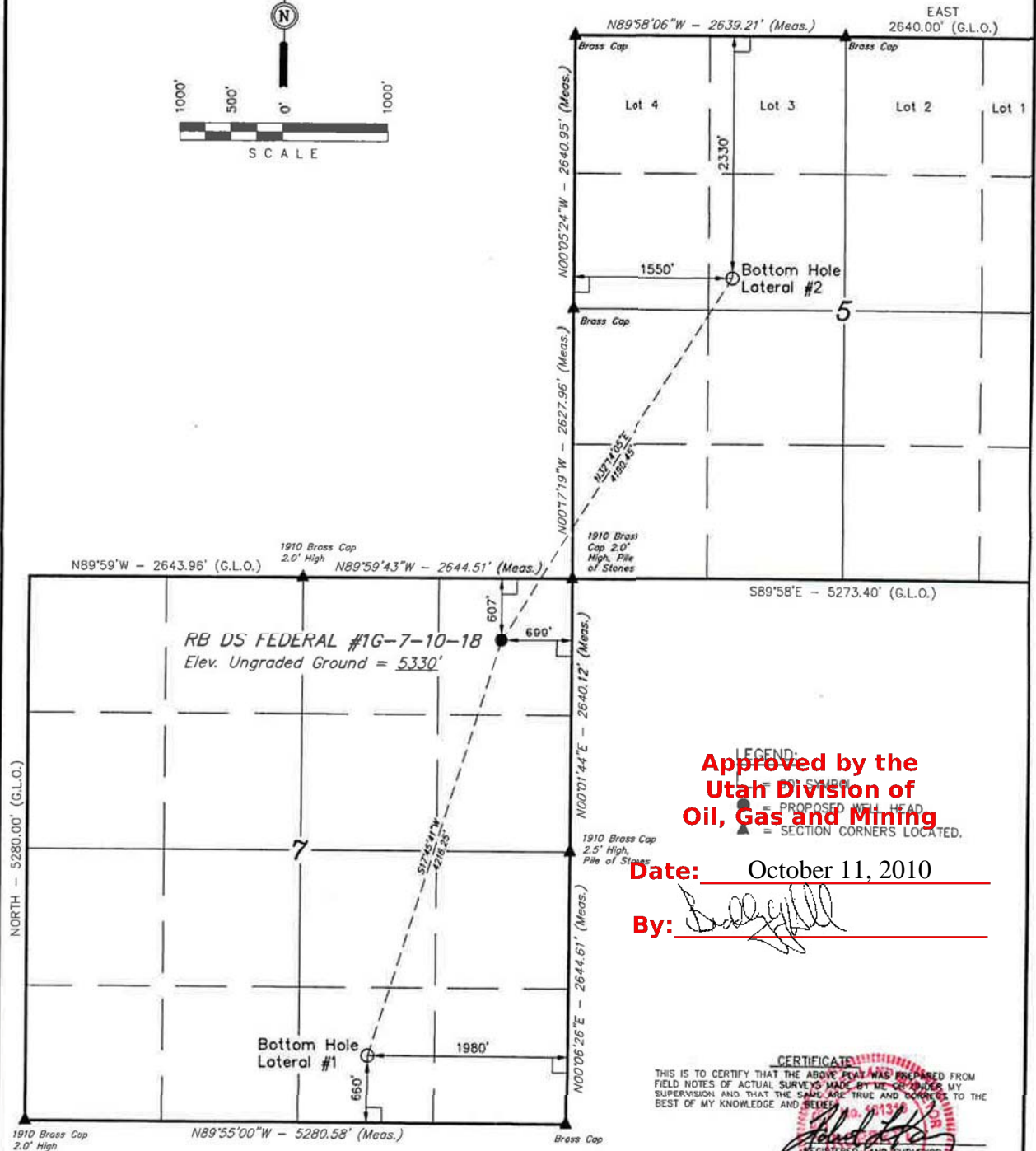
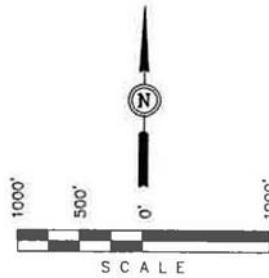
Well location, RB DS FEDERAL #1G-7-10-18, located as shown in the NE 1/4 NE 1/4 of Section 7, T10S, R18E, S.L.B.&M., Uintah County, Utah.

BASIS OF ELEVATION

TRIANGULATION STATION FLUK VABM LOCATED IN THE SOUTHEAST 1/4 OF SECTION 32, T9S, R18E, S.L.B.&M., TAKEN FROM THE CROW KNOLL QUADRANGLE, UTAH, UTAH COUNTY 7.5 MINUTE SERIES (TOPOGRAPHICAL MAP) PUBLISHED BY THE UNITED STATES DEPARTMENT OF THE INTERIOR, GEOLOGICAL SURVEY. SAID ELEVATION IS MARKED AS BEING 5244 FEET.

BASIS OF BEARINGS

BASIS OF BEARINGS IS A G.P.S. OBSERVATION.



Approved by the  
Utah Division of  
Oil, Gas and Mining

Date: October 11, 2010

By: *[Signature]*

CERTIFICATE

THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

*[Signature]*  
REGISTERED LAND SURVEYOR  
REGISTRATION NO. 161819  
STATE OF UTAH

AUTONOMOUS NAD 83 (TARGET BOTTOM HOLE LATERAL #1)	
LATITUDE = 39°57'10.92" (39.953033)	
LONGITUDE = 109°55'01.63" (109.933786)	
AUTONOMOUS NAD 27 (TARGET BOTTOM HOLE LATERAL #1)	
LATITUDE = 39°57'11.05" (39.953069)	
LONGITUDE = 109°55'59.10" (109.933083)	
AUTONOMOUS NAD 83 (TARGET BOTTOM HOLE LATERAL #2)	
LATITUDE = 39°58'25.62" (39.973783)	
LONGITUDE = 109°55'16.45" (109.921236)	
AUTONOMOUS NAD 27 (TARGET BOTTOM HOLE LATERAL #2)	
LATITUDE = 39°58'25.75" (39.973819)	
LONGITUDE = 109°55'13.92" (109.920533)	

AUTONOMOUS NAD 83 (SURFACE LOCATION)	
LATITUDE = 39°57'50.59" (39.964053)	
LONGITUDE = 109°55'45.14" (109.929206)	
AUTONOMOUS NAD 27 (SURFACE LOCATION)	
LATITUDE = 39°57'50.72" (39.964089)	
LONGITUDE = 109°55'42.61" (109.928503)	

UTAH ENGINEERING & LAND SURVEYING 85 SOUTH 200 EAST - VERNAL, UTAH 84078 (435) 789-1017		
SCALE 1" = 1000'	DATE SURVEYED: 02-04-10	DATE DRAWN: 03-02-10
PARTY T.A. D.P.	REFERENCES G.L.O. PLAT	
WEATHER COLD	FILE QUESTAR EXPLR. & PROD.	

RECEIVED September 29, 2010

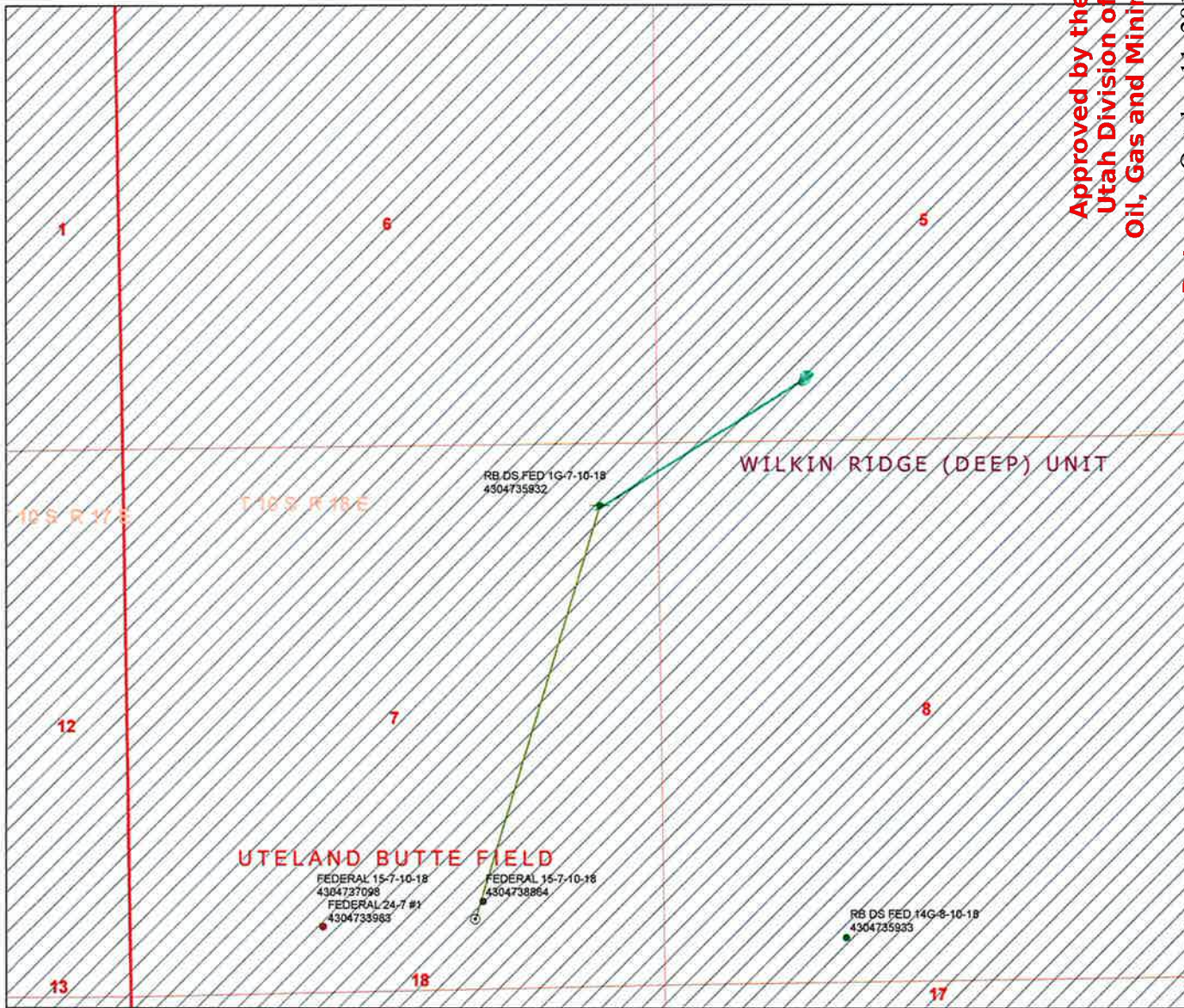
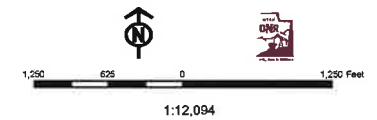
Approved by the  
Utah Division of  
Oil, Gas and Mining

Date: October 11, 2010

API Number: 4304735932  
Well Name: RB DS FED 1G-7-10-18  
Township 10.0 S Range 18.0 E Section 07  
Meridian: SLBM  
Operator: QEP ENERGY COMPANY

Map Prepared:  
Map Produced by Diana Mason

Units	Wells Query
STATUS	✗ - All other values
ACTIVE	◆ - APD - Approved Permit
EXPLORATORY	⊙ - ORL - Spudded (Drilling Commenced)
GAS STORAGE	↗ - GIN - Gas Injection
NP PP OIL	✳ - GS - Gas Storage
NP SECONDARY	✕ - LA - Location Abandoned
PI OIL	⊕ - LOC - New Location
PP GAS	⚠ - OPS - Operation Suspended
PP GEOTHERMAL	✖ - RA - Plugged/Abandoned
PP OIL	★ - POW - Producing Gas Well
SECONDARY	● - POW - Producing Oil Well
TERMINATED	● - RET - Returned APD
Fields	✖ - SDW - Shut-in Gas Well
Sections	✖ - SDW - Shut-in Oil Well
Township	⌘ - TA - Temp Abandoned
Bottom Hole Location - ACRC	○ - TW - Test Well
	↘ - WDW - Waste Disposal
	↗ - WII - Water Injection Well
	● - WSW - Water Supply Well



T10S, R18E, S.L.B.&M.

QUESTAR EXPLR. & PROD.

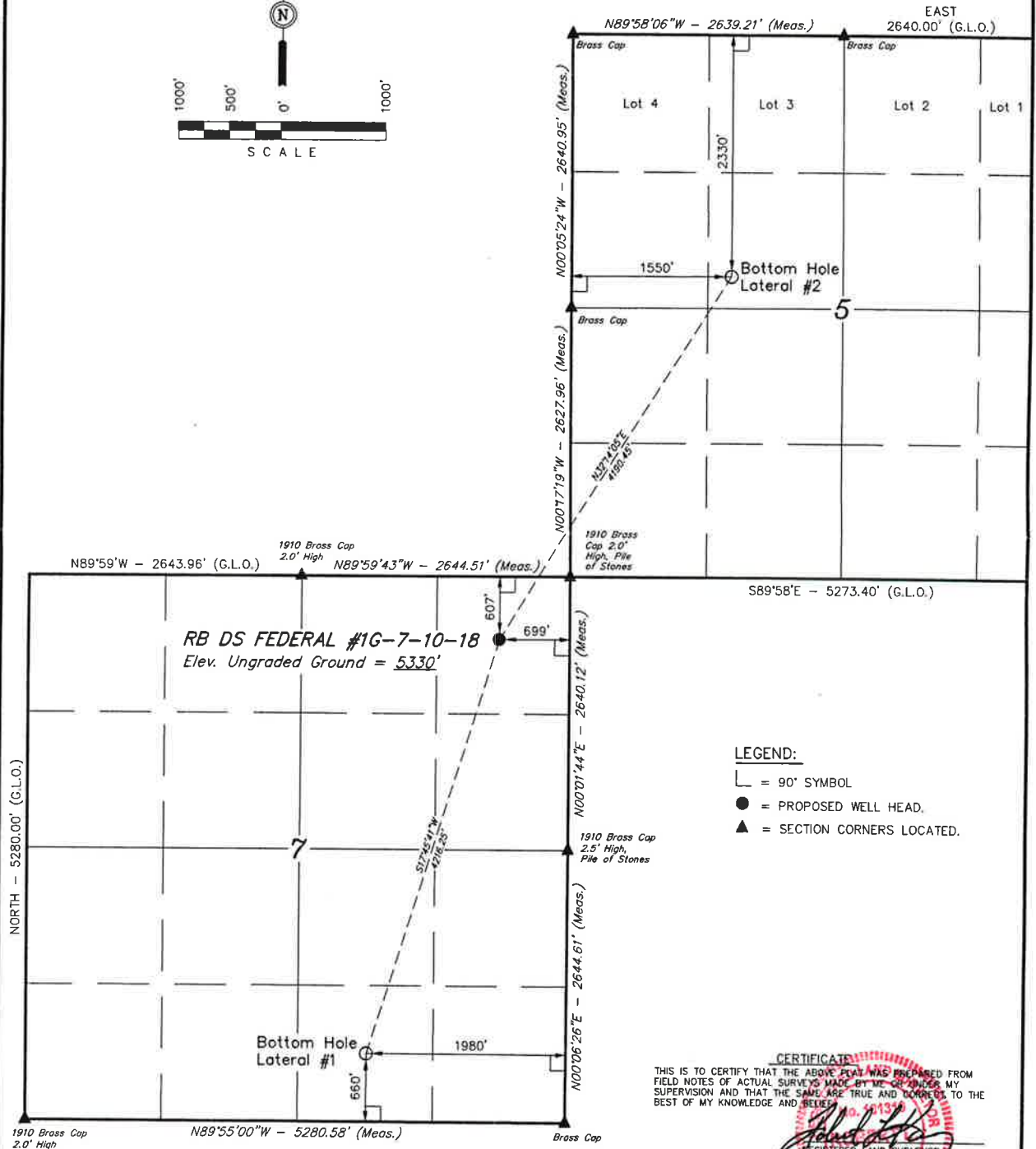
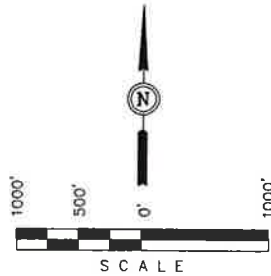
Well location, RB DS FEDERAL #1G-7-10-18, located as shown in the NE 1/4 NE 1/4 of Section 7, T10S, R18E, S.L.B.&M., Uintah County, Utah.

#### BASIS OF ELEVATION

TRIANGULATION STATION FLUK VABM LOCATED IN THE SOUTHEAST 1/4 OF SECTION 32, T9S, R18E, S.L.B.&M., TAKEN FROM THE CROW KNOLL QUADRANGLE, UTAH, UTAH COUNTY 7.5 MINUTE SERIES (TOPOGRAPHICAL MAP) PUBLISHED BY THE UNITED STATES DEPARTMENT OF THE INTERIOR, GEOLOGICAL SURVEY. SAID ELEVATION IS MARKED AS BEING 5244 FEET.

#### BASIS OF BEARINGS

BASIS OF BEARINGS IS A G.P.S. OBSERVATION.



#### LEGEND:

- └ = 90° SYMBOL
- = PROPOSED WELL HEAD.
- ▲ = SECTION CORNERS LOCATED.

#### CERTIFICATE

THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

REGISTERED LAND SURVEYOR  
REGISTRATION NO. 161319  
STATE OF UTAH

AUTONOMOUS NAD 83 (TARGET BOTTOM HOLE LATERAL #1)	
LATITUDE = 39°57'10.92" (39.953033)	
LONGITUDE = 109°55'01.63" (109.933786)	
AUTONOMOUS NAD 27 (TARGET BOTTOM HOLE LATERAL #1)	
LATITUDE = 39°57'11.05" (39.953069)	
LONGITUDE = 109°55'59.10" (109.933083)	
AUTONOMOUS NAD 83 (TARGET BOTTOM HOLE LATERAL #2)	
LATITUDE = 39°58'25.62" (39.973783)	
LONGITUDE = 109°55'16.45" (109.921236)	
AUTONOMOUS NAD 27 (TARGET BOTTOM HOLE LATERAL #2)	
LATITUDE = 39°58'25.75" (39.973819)	
LONGITUDE = 109°55'13.92" (109.920533)	

AUTONOMOUS NAD 83 (SURFACE LOCATION)	
LATITUDE = 39°57'50.59" (39.964053)	
LONGITUDE = 109°55'45.14" (109.929206)	
AUTONOMOUS NAD 27 (SURFACE LOCATION)	
LATITUDE = 39°57'50.72" (39.964089)	
LONGITUDE = 109°55'42.61" (109.928503)	

UNTAH ENGINEERING & LAND SURVEYING 85 SOUTH 200 EAST - VERNAL, UTAH 84078 (435) 789-1017		
SCALE 1" = 1000'	DATE SURVEYED: 02-04-10	DATE DRAWN: 03-02-10
PARTY T.A. D.P.	REFERENCES G.L.O. PLAT	
WEATHER COLD	FILE QUESTAR EXPLR. & PROD.	

RECEIVED September 29, 2010

# QEP ENERGY COMPANY

**RB DS 1G-7-10-18**

**API: 43-047-35932**

## **Summarized Re-Entry Procedure**

1. Rig down pumping unit, clear location of all unnecessary equipment.
2. MIRU pulling unit.
3. ND tubing head, NU BOP's (3M).
4. Pull out of hole with rods and pump.
5. Unseat tubing anchor and POOH with tubing, TAC, PSN, and pup joints.
6. PU bit and 5 1/2" casing scraper, RIH to PBTD.
7. Roll hole with hot oiler, TOO H with bit and scraper.
8. RU wireline truck and RIH with CIBP and set above collar closest to 4,773'.
9. ND BOP's
10. RD pulling unit, move off location.
11. MIRU drilling rig.
12. NU rig's 3,000 WP rated BOP.
13. RIH with whipstock, orient and set whipstock on top of CIBP
14. Shear setting pins and start milling operations, mill window in 5 1/2" casing. Work mills in and out of window several times.
15. TOO H, PU directional BHA and gyro tool, TIH.
16. Gyro steer the well until the MWD tools have cleared the casing and are providing accurate readings.
17. Pull gyro tool and continue to drill with MWD to land in the C Lime formation.
18. Drill ~3,600' of lateral in the Uteland Butte C Lime in the 197° azimuth with a 2.15° apparent up dip angle.
  - a. Mud system to be a water based mud, weights are expected to be in the 8.8 – 9.8 ppg range.
19. Circulate and condition hole, TOO H.
  - a. PU 3 1/2" liner and run through the lateral and curve.
  - b. RIH w/ liner and liner hanger, hang liner 10' inside of the casing window.
  - c. TOO H
20. RIH with RBP and set at ~4,730'.
21. RIH with whipstock, orient and set whipstock on top of RBP

22. Shear setting pins and start milling operations, mill window in 5 1/2" casing. Work mills in and out of window several times.
23. TOOH, PU directional BHA and gyro tool, TIH.
24. Gyro steer the well until the MWD tools have cleared the casing and are providing accurate readings.
25. Pull gyro tool and continue to drill with MWD to land in the C Lime formation.
26. Drill ~3,600' of lateral in the Uteland Butte C Lime in the 33° azimuth with a 2° apparent down dip angle.
  - a. Mud system to be a water based mud, weights are expected to be in the 8.8 – 9.8 ppg range.
27. Circulate and condition hole, TOOH.
  - a. PU 3 1/2" liner and run through the lateral and curve.
  - b. RIH w/ liner and liner hanger, hang liner 5' outside of the casing window.
  - c. TOOH laying down remainder of the drill pipe.
28. RIH and set CBP @ +/- 4,000' to isolate lateral.
29. ND BOP's.
30. RDMOL.

DRILLING PROGRAM

ONSHORE OIL & GAS ORDER NO. 1  
Approval of Operations on Onshore  
Federal Oil and Gas Leases

All lease and/or unit operations will be conducted in such a manner that full compliance is made with applicable laws, regulations (43 CFR 3100), Onshore Oil & Gas No. 1, and the approved plan of operations. The operator is fully responsible for the actions of its subcontractors. A copy of these conditions will be furnished the field representative to insure compliance.

**1. Formation Tops**

The estimated top of important geologic markers are as follows:

SSW Lateral #1:

<u>Formation</u>	<u>Depth, TVD</u>	<u>Depth, MD</u>
Green River	1,100'	1,100'
Kick Off Point	4,764'	4,765'
Uteland Butte C Lime	5,115'	5,333'
TD	4,974'	9,100'

NE Lateral #2:

<u>Formation</u>	<u>Depth, TVD</u>	<u>Depth, MD</u>
Green River	1,100'	1,100'
Kick Off Point	4,721'	4,722'
Uteland Butte C Lime	5,137'	5,358'
TD	5,272'	9,225'

**2. Anticipated Depths of Oil, Gas, Water, and Other Mineral Bearing Zones**

The estimated depths at which the top and bottom of the anticipated water, oil, gas, or other mineral bearing formations are expected to be encountered as follows:

SSW Lateral #1:

<u>Substance</u>	<u>Formation</u>	<u>Depth, TVD</u>	<u>Depth, MD</u>
Oil/Gas	Uteland Butte C Lime	4,974' – 5,115'	5,333' – 9,100'

NE Lateral #2:

<u>Substance</u>	<u>Formation</u>	<u>Depth, TVD</u>	<u>Depth, MD</u>
Oil/Gas	Uteland Butte C Lime	5,137' – 5,272'	5,358' – 9,225'

All fresh water and prospectively valuable minerals encountered during drilling will be recorded by depth and adequately protected. All oil and gas shows will be tested to determine commercial potential.

All water shows and water-bearing sands will be reported to the BLM in Vernal, Utah. Copies of State of Utah form OGC-8-X are acceptable. If flows are detected, samples will be submitted to the BLM along with any water analyses conducted. Fresh water will be obtained from Wonsits Valley water right A36125 (which was filed on May 7, 1964) or Red Wash water right # 49-2153 (which was filed on March 25, 1960). It was determined by the Fish and Wildlife Service that any water right number filed before 1989 is not depleting to the Upper Colorado River System, to supply fresh water for drilling purposes. All water resulting from drilling operations will be disposed of at Red Wash Central Battery Disposal site; SWSE, Section 27, T7S, R23E or Wonsits Valley Disposal Site; SWNW, Section 12, T8S, R21E.

**3. Operator's Specification for Pressure Control Equipment**

- A. 3,000 psi double gate, 3,000 psi annular (schematic attached)
- B. Function test daily.
- C. All casing strings shall be pressure tested (0.22 psi/ft or 1,500 psi, whichever is greater) prior to drilling the plug after cementing; test pressure shall not exceed the internal yield of the casing.
- D. Ram type preventers and associated equipment shall be tested to rated working pressure if isolated by a test plug or to 50% of the internal yield pressure of casing, whichever is less. BOP and related equipment shall meet the minimum requirements of Onshore Oil & Gas Order No. 2 for equipment and testing requirements, procedures, etc..., for a 3M system and individual components shall be operable as designed.

**4. Casing Program**

Hole Size	Casing Size	Top, MD	Bottom, MD	Weight, lb/ft	Grade	Thread	Condition	MW
12 1/4"	9 5/8"	sfc	488'	36.0	J-55	STC	Existing	N/A
7 7/8"	5 1/2"	sfc	5,346'	15.5	J-55	LTC	Existing	8-9 ppg

Casing Strengths:				Collapse	Burst	Tensile (minimum)
9 5/8"	36.0 lb.	J-55	STC	2,020 psi	3,520 psi	394,000 lb.
5 1/2"	15.5 lb.	J-55	LTC	4,040 psi	4,810 psi	217,000 lb.

The Lateral's will be lined with casing.

SSW Lateral #1:

Hole Size	Casing Size	Top,MD	Bottom, MD	Weight	Grade	MW
4 3/4"	3 1/2"	4,757'	9,100'	9.2	P-110	8 – 10 ppg

NE Lateral #2:

Hole Size	Casing Size	Top,MD	Bottom, MD	Weight	Grade	MW
4 3/4"	3 1/2"	4,730'	9,225'	9.2	P-110	8 – 10 ppg

Casing Strengths:				Collapse	Burst	Tensile (minimum)
3 1/2"	9.3 lb.	P-110	LTC	12,620 psi	13,970 psi	218,000 lb.

Please refer to the attached wellbore diagram and re-entry procedure for further details.

5. **Cementing Program**

**SSW Lateral #1: 4,757' – 9,100'**

No cement, liner hung in open hole.

**NE Lateral #2: 4,730' – 9,225'**

No cement, liner hung in open hole.

6. **Auxilliary Equipment**

- Kelly Cock – Yes
- Float at the bit – No
- Monitoring equipment on the mud system – visually and/or PVT or Flow Show
- Fully opening safety valve on the rig floor – Yes
- Rotating Head – Yes

Drilling the surface hole with air:

A variance from 43 CFR 3160 Onshore Oil and Gas Order #2, Section III requirements, subsection E Special Drilling Operations is requested for the specific operation of drilling and setting surface casing on the subject well with a truck mounted air rig. The variance from the following requirements of Order #2 is requested because surface casing depth for this well is less than 500 feet and high pressures are not expected.

- f. **Properly lubricated and maintained rotating head.** A diverter system in place of a rotating head. The diverter system forces the air and cutting returns to the reserve pit and is used to drill the surface casing.
- g. **Blooie line discharge 100' from well bore and securely anchored.** The blooie line discharge for this operation will be located 50 to 70 feet from the wellhead. This reduced length is necessary due to the smaller location size to minimize surface disturbance.
- h. **Automatic ignitor or continuous pilot light on the blooie line.** A diffuser will be used rather than an automatic pilot/ignitor. Water is injected into the compressed air and eliminates the need for the pilot light and the need for dust suppression equipment.
- i. **Compressors located in the opposite direction from the blooie line a minimum of 100 feet from the well bore.** Compressors located 50 feet on the opposite side of the well bore from the blooie line and is equipped with a 1) emergency kill switch on the driller's console, 2) pressure relief valve on the compressor, 3) spark arrestors on the motors.

Drilling of the laterals will be done with fresh water NaCl based mud systems consisting primarily of fresh water, bentonite, lignite, caustic, lime, soda ash, polymers, and NaCl. No chromates will be used. It is not intended to use oil in the mud, however, in the event it is used the concentration will be less than 4% by volume. Maximum anticipated mud weight is 10.0 ppg.

No minimum quantity of weight material will be required to be kept on location.

PVT/Flow show will be used upon exit of surface casing to TD.

Gas detector will be used upon exit of surface casing to TD.

7. **Testing, Logging, and Coring Program**

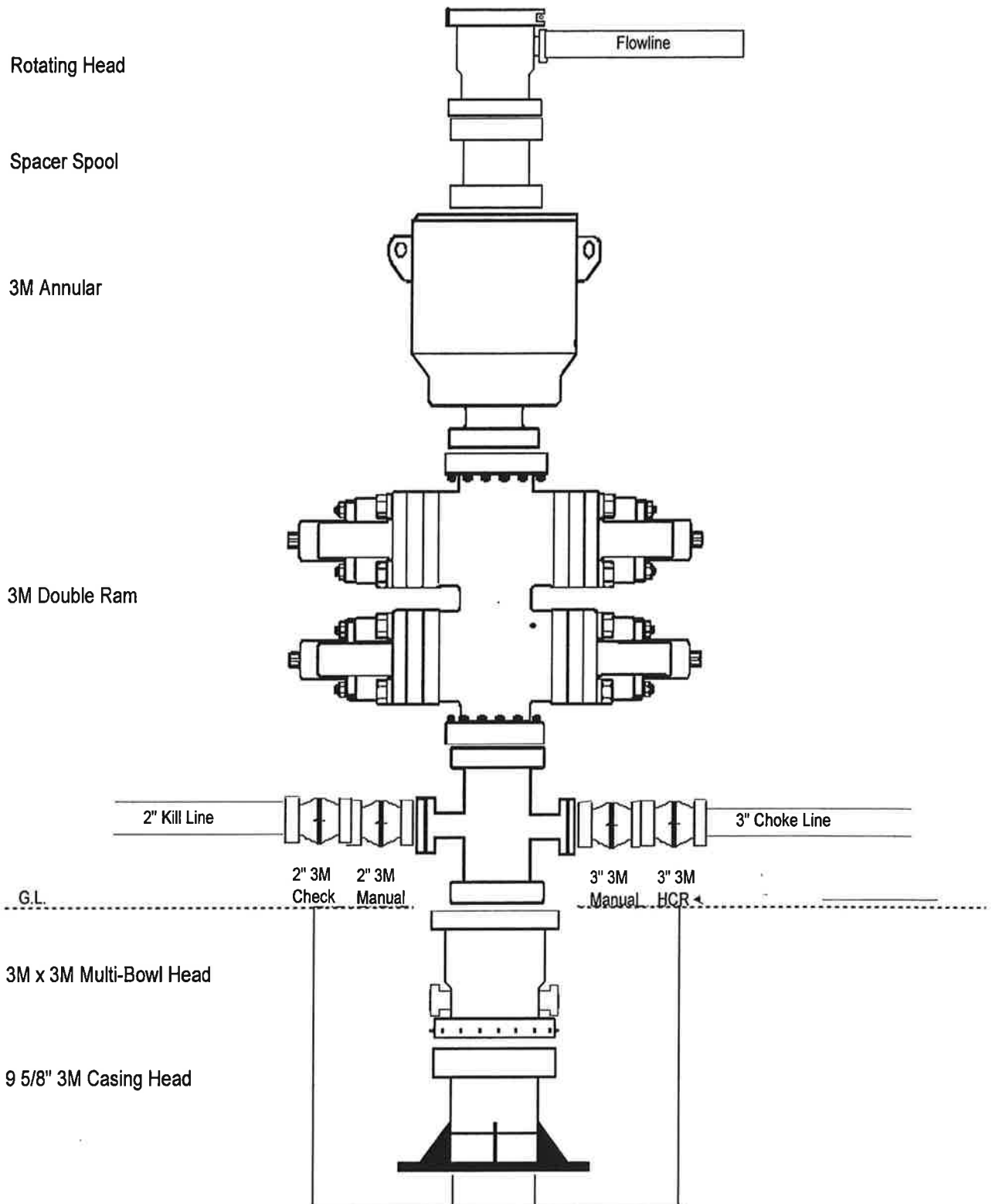
- a. Cores – None Anticipated
- b. DST – None Anticipated
- c. Logging:
  - i. Mud logging from casing exit to TD
  - ii. MWD-GR will be utilized during drilling operations to aid in landing the curve and maintaining the laterals within the desired zone.
- d. Formation and completion interval: G1 Lime interval, final determination of completion will be made by analysis of mud logging data. Stimulation: stimulation will be designed for the particular area of interest encountered.

8. **Anticipated Abnormal Pressures and Temperatures, Other Potential Hazards**

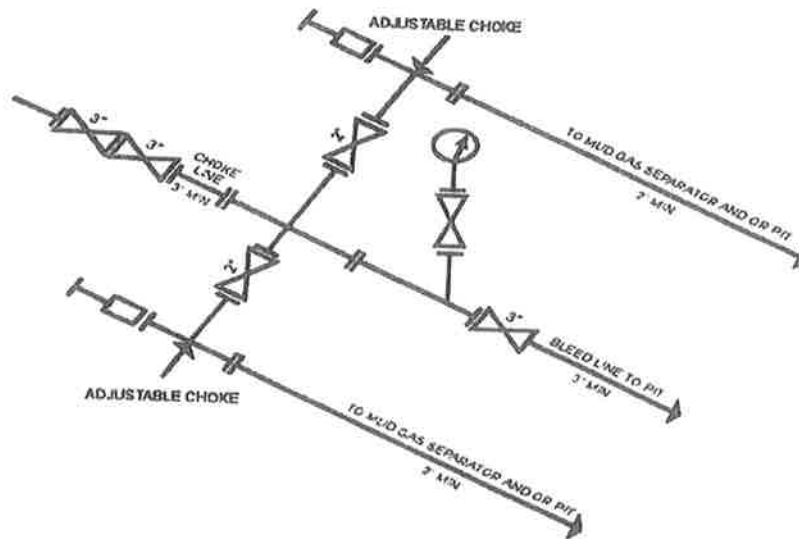
No abnormal temperatures or pressures are anticipated. No H<sub>2</sub>S has been encountered or is known to exist from previous wells drilled to similar depths in the general area. Maximum anticipated bottom-hole pressure equals approximately 3,500 psi. Maximum anticipated bottom hole temperature is approximately 150°F.

ONSHORE OIL & GAS ORDER NO. 1  
BOP Schematic, 3M

3M BOP STACK

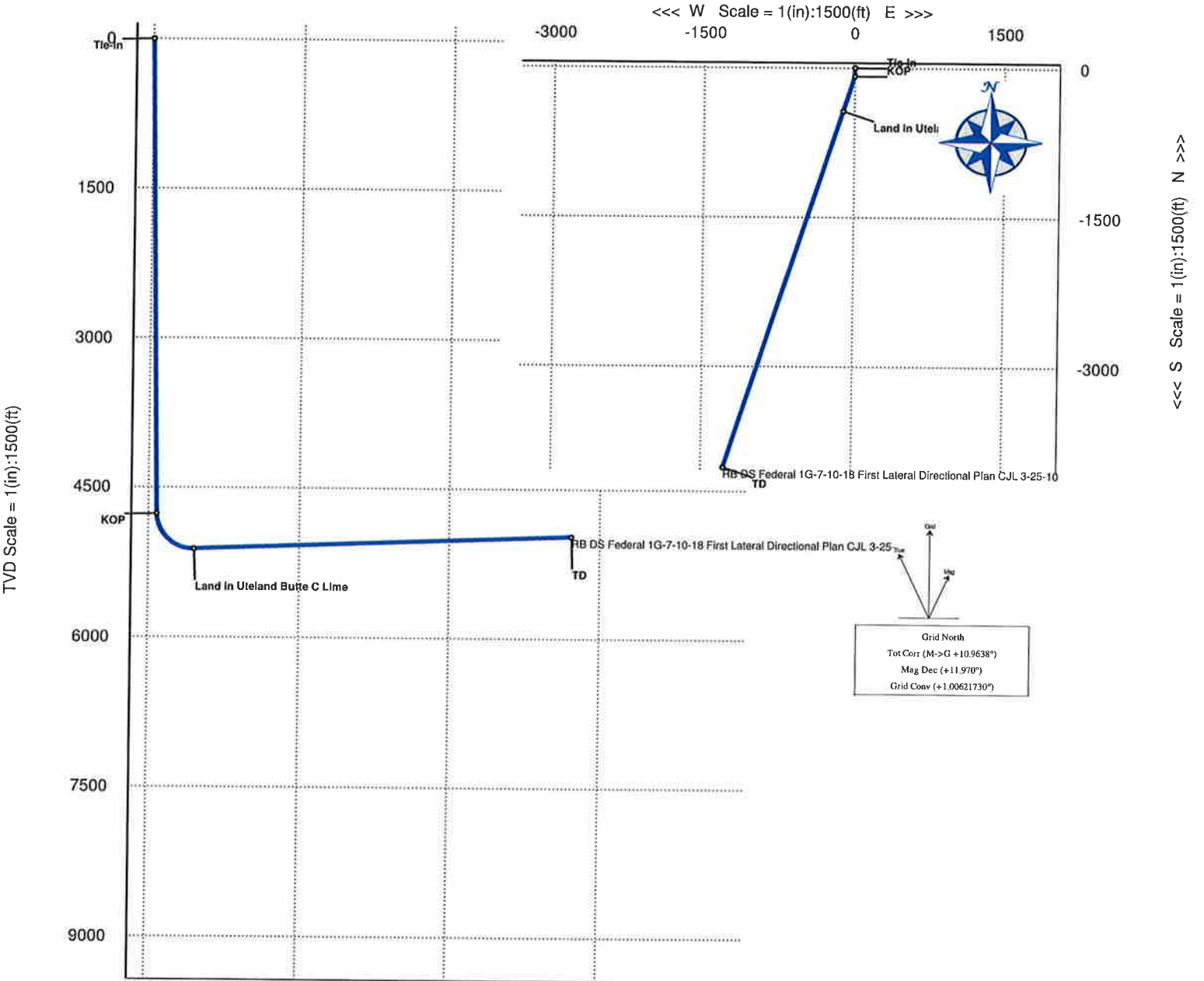


ONSHORE OIL & GAS ORDER NO. 1  
BOP Schematic, 3M



**3M CHOKE MANIFOLD EQUIPMENT - CONFIGURATION OF CHOKES MAY VARY**  
[34 FR 39528, Sept. 27, 1989]

WELL	RB DS 1G-7-10-18	FIELD	Uinta	STRUCTURE	Desert Springs
Magnetic Parameters Model: IGRF 2005	Dip: 65.901° Mag Dec: +11.970°	Date: March 25, 2010 FS: 52826.8 nT	Surface Location Lat: N39 57 50.590 Lon: W109 55 45.140	NAD83 Utah State Plane, Central Zone, US Feet Northing: 7159495.74 ftUS Easting: 2080659.78 ftUS Grid Conv: +1.00621730° Scale Fact: 0.9999013496	Miscellaneous Slot: RB DS 1G-7-10-18 Plan: RB DS Federal 1G-7-10-18 First Lateral Directional Plan CJL 3-25-10



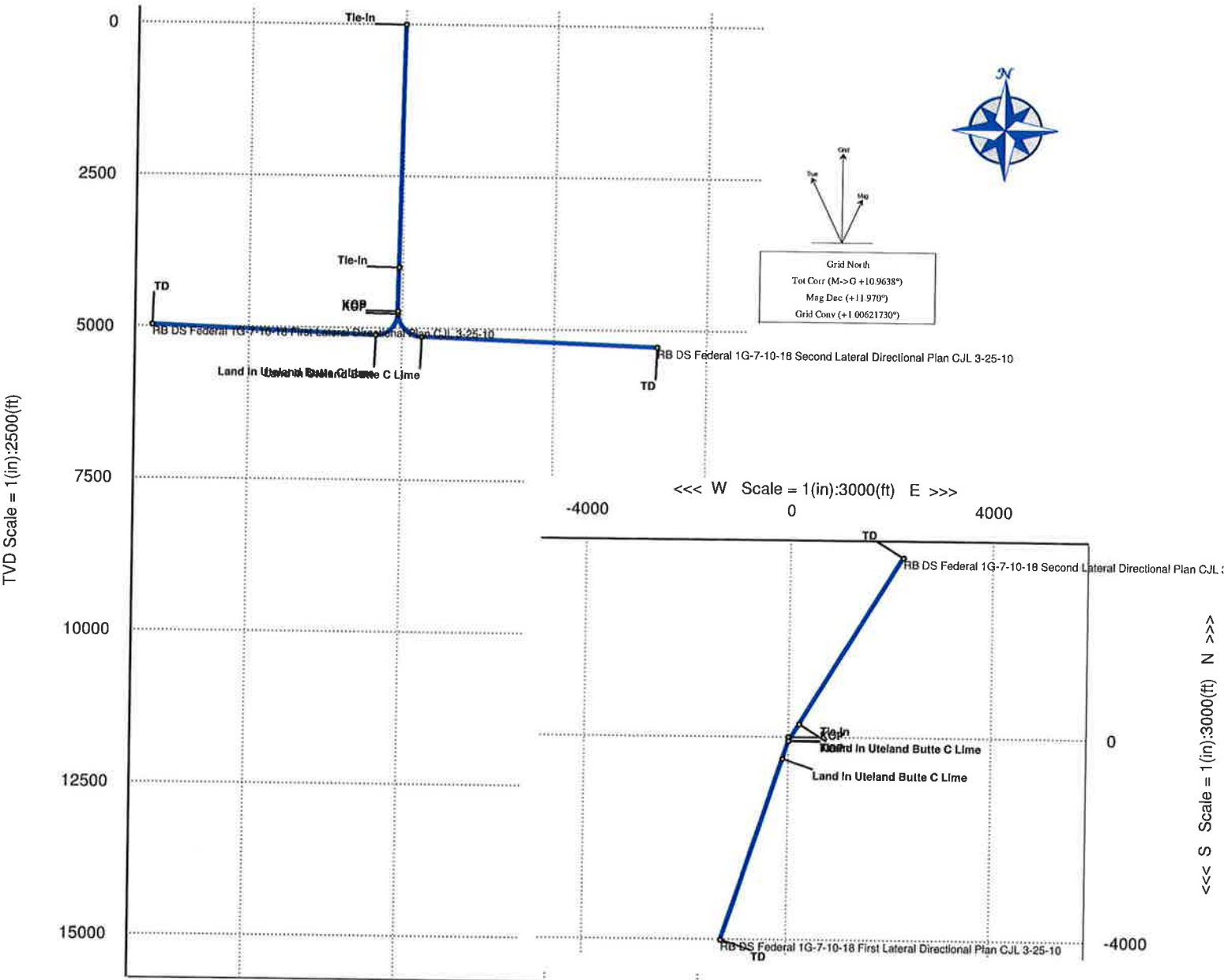
Critical Points								
Critical Point	MD	INCL	AZIM	TYD	YSEC	N(±)S(±)	E(±)W(±)	DLS
T10-IN	0.00	1.00	180.00	0.00	0.00	0.00	0.00	
KOP	4765.00	1.00	180.00	4764.27	79.24	-83.16	0.00	0.00
Land in Ute Land Butte C Lime	5333.10	92.15	198.00	5115.00	449.49	-435.89	-112.54	16.05
TD	9100.00	92.15	198.00	4973.68	4213.68	-4015.91	-1275.76	0.00

Legend

RB DS Federal 1G-7-10-18 First Lateri

Quality Control  
Date Drawn: Thu 02:31 PM March 25, 2010  
Drawn by: Current User  
Checked by:  
Client OK:

WELL		RB DS 1G-7-10-18				FIELD		Uinta				STRUCTURE		Desert Springs			
Magnetic Parameters						Surface Location		NAD83 Utah State Planes, Central Zone, US Feet				Miscellaneous					
Model: IGRF 2005						Lat: N39 57 50.590		Northing: 7159495.74 IUS		Grid Conv: +1.00621730°		Skt: RB DS 1G-7-10-18		TVD Ref: KB (5344.00 ft above MSL)			
Dip: 65.901°		Date: March 25, 2010				Lon: W109 55 45.140		Easting: 2080659.78 IUS		Scale Fact: 0.9996013496		Plan: RB DS Federal 1G-7-10-18 Second Lateral Directional Plan CJL 3-25-10					
Mag Dec: +11.970°		FS: 52826.8 nT															



Vertical Section (ft) Azim = 32.14° Scale = 1(in):2500(ft) Origin = 0 N/-S, 0 E/-W

Target Name		Shape	Major Axis	N(+)/S(-)	Grid Coord	E(+)/W(-)	TYD	YSec	Local Coord	N(+)/S(-)	E(+)/W(-)
Critical Point		MD	INCL	AZIM	TYD	YSEC	N(+)/S(-)	E(+)/W(-)	DLS		
Tie-In		4000.00	1.00	180.00	3999.39	-59.11	-69.81	-0.00			
KOP		4722.00	1.00	180.00	4721.28	-69.78	-82.41	-0.00	0.00		
Land in Utieland Butte C Lime		5357.64	88.00	31.50	5137.00	325.77	252.93	209.79	13.98		
TD		9225.00	88.00	31.50	5271.97	4190.53	3548.38	2229.25	0.00		

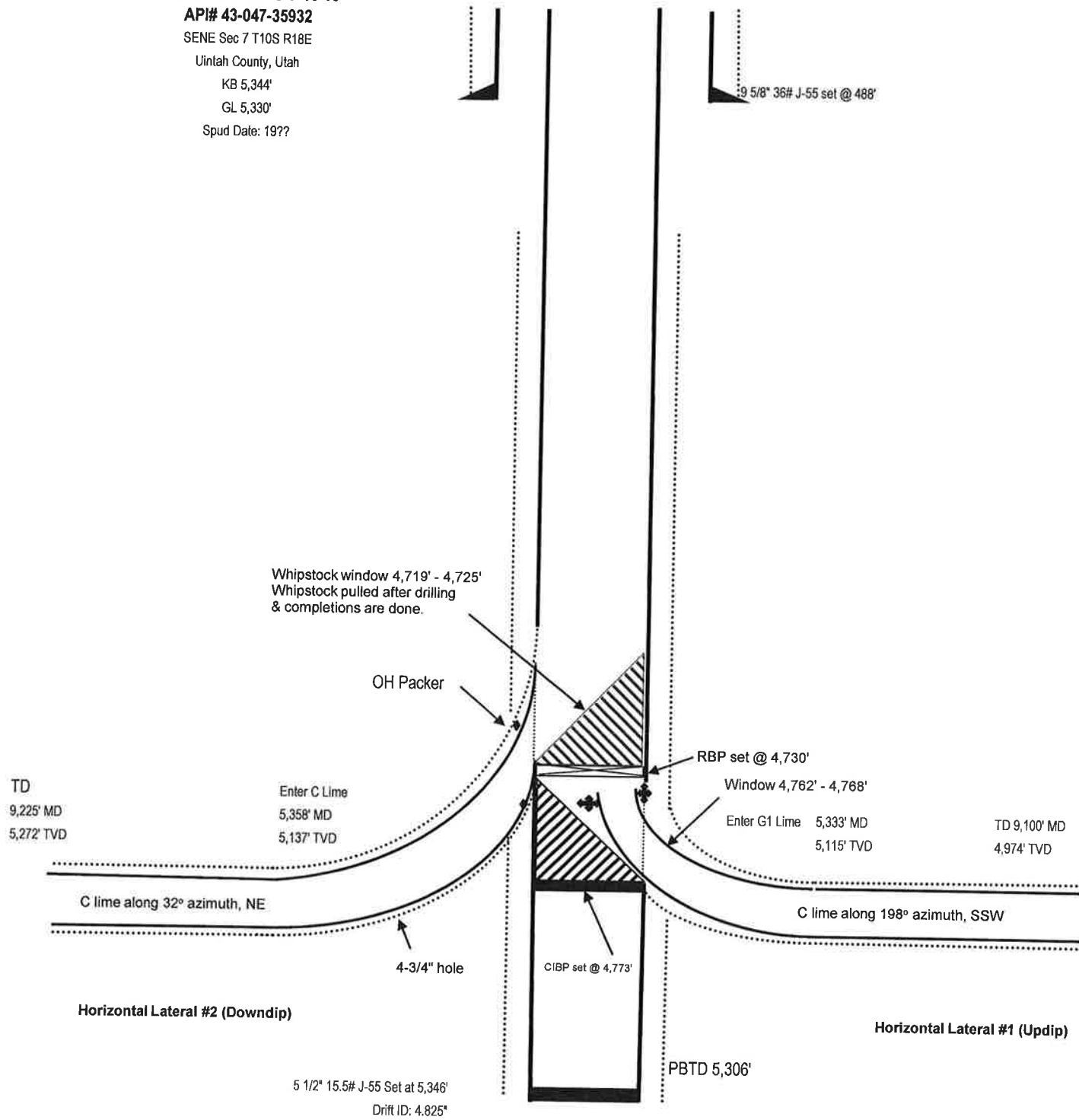
Legend

RB DS Federal 1G-7-10-18 Second Lateral Directional Plan CJL 3-25-10

RB DS Federal 1G-7-10-18 First Lateral Directional Plan CJL 3-25-10

Quality Control  
Date Drawn: Thu 03:04 PM March 25, 2010  
Drawn by: Current User  
Checked by:  
Client OK:

**Proposed**  
**RB DS Federal 1G-7-10-18**  
**API# 43-047-35932**  
 SENE Sec 7 T10S R18E  
 Uintah County, Utah  
 KB 5,344'  
 GL 5,330'  
 Spud Date: 19??



CONFIDENTIAL

**DIVISION OF OIL, GAS AND MINING**

**SPUDDING INFORMATION**

Name of Company: QEP ENERGY COMPANY

Well Name: RB DS FED 1G-7-10-18

Api No: 43-047-35932 Lease Type FEDERAL

Section 07 Township 10S Range 18E County UINTAH

Drilling Contractor AZTEC DRILLING RIG # 77

**SPUDDED:**

Date 03/18/2011

Time \_\_\_\_\_

How ROTARY

**Drilling will Commence:** \_\_\_\_\_

Reported by DAVE HARDING

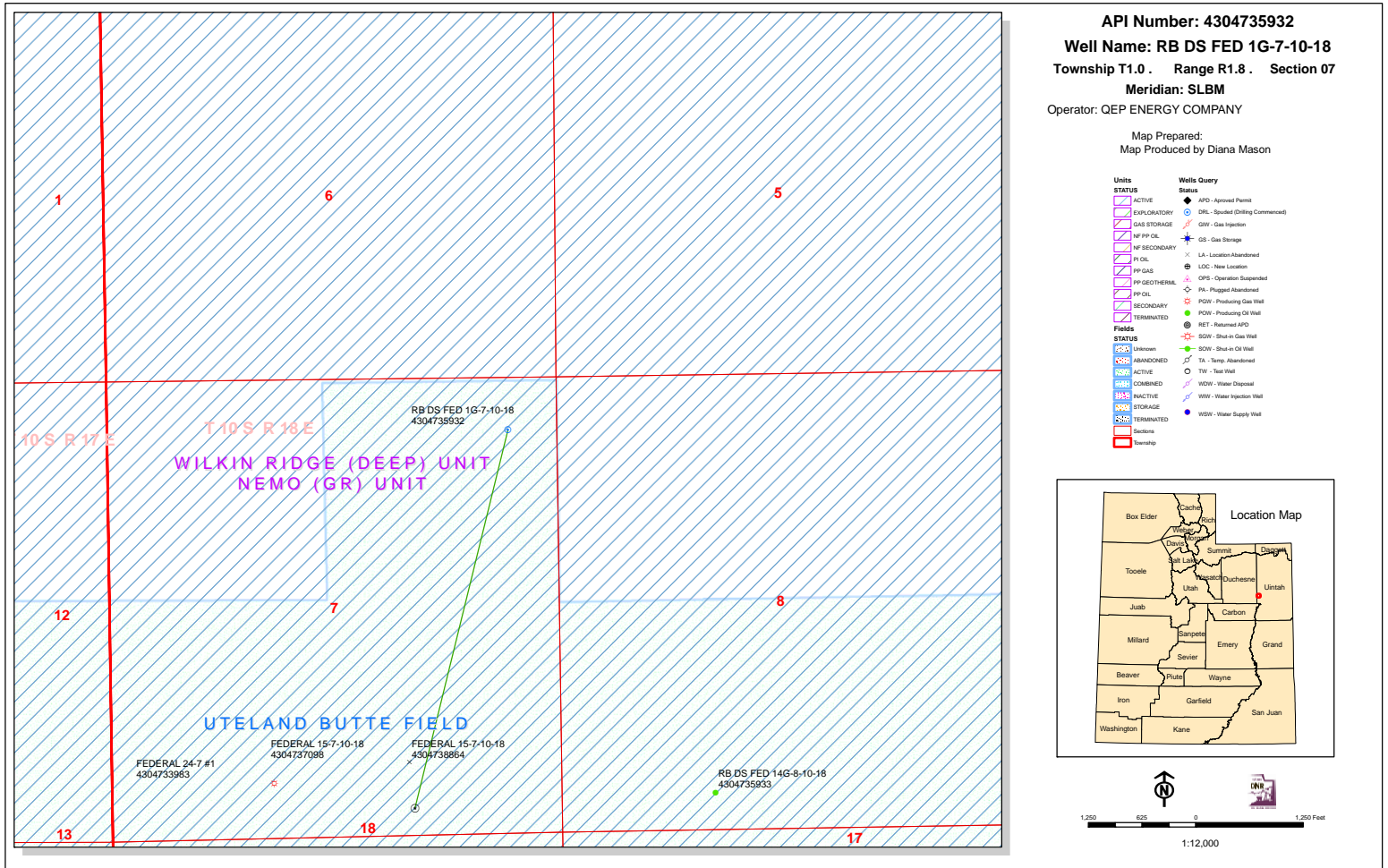
Telephone # (435) 828-0594

Date 03/22/2011 Signed CHD

<b>STATE OF UTAH</b> DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		<b>FORM 9</b>
<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>  Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		<b>5. LEASE DESIGNATION AND SERIAL NUMBER:</b> UTU-81003
<b>1. TYPE OF WELL</b> Oil Well		<b>6. IF INDIAN, ALLOTTEE OR TRIBE NAME:</b>
<b>2. NAME OF OPERATOR:</b> QEP ENERGY COMPANY		<b>7. UNIT or CA AGREEMENT NAME:</b> NEMO (GR)
<b>3. ADDRESS OF OPERATOR:</b> 11002 East 17500 South, Vernal, Ut, 84078		<b>8. WELL NAME and NUMBER:</b> RB DS FED 1G-7-10-18
<b>4. LOCATION OF WELL FOOTAGES AT SURFACE:</b> 0607 FNL 0699 FEL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: NENE Section: 07 Township: 10.0S Range: 18.0E Meridian: S		<b>9. API NUMBER:</b> 43047359320000
<b>11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA</b>		<b>9. FIELD and POOL or WILDCAT:</b> UTELAND BUTTE
<b>11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA</b>		
<b>TYPE OF SUBMISSION</b>	<b>TYPE OF ACTION</b>	
<input checked="" type="checkbox"/> <b>NOTICE OF INTENT</b> Approximate date work will start: 4/5/2011  <input type="checkbox"/> <b>SUBSEQUENT REPORT</b> Date of Work Completion:  <input type="checkbox"/> <b>SPUD REPORT</b> Date of Spud:  <input type="checkbox"/> <b>DRILLING REPORT</b> Report Date:	<div style="display: flex; flex-wrap: wrap;"> <div style="width: 33%;"> <input type="checkbox"/> ACIDIZE  <input checked="" type="checkbox"/> CHANGE TO PREVIOUS PLANS  <input type="checkbox"/> CHANGE WELL STATUS  <input type="checkbox"/> DEEPEN  <input type="checkbox"/> OPERATOR CHANGE  <input type="checkbox"/> PRODUCTION START OR RESUME  <input type="checkbox"/> REPERFORATE CURRENT FORMATION  <input type="checkbox"/> TUBING REPAIR  <input type="checkbox"/> WATER SHUTOFF  <input type="checkbox"/> WILDCAT WELL DETERMINATION         </div> <div style="width: 33%;"> <input type="checkbox"/> ALTER CASING  <input type="checkbox"/> CHANGE TUBING  <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS  <input type="checkbox"/> FRACTURE TREAT  <input type="checkbox"/> PLUG AND ABANDON  <input type="checkbox"/> RECLAMATION OF WELL SITE  <input type="checkbox"/> SIDETRACK TO REPAIR WELL  <input type="checkbox"/> VENT OR FLARE  <input type="checkbox"/> SI TA STATUS EXTENSION  <input type="checkbox"/> OTHER         </div> <div style="width: 33%;"> <input type="checkbox"/> CASING REPAIR  <input type="checkbox"/> CHANGE WELL NAME  <input type="checkbox"/> CONVERT WELL TYPE  <input type="checkbox"/> NEW CONSTRUCTION  <input type="checkbox"/> PLUG BACK  <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION  <input type="checkbox"/> TEMPORARY ABANDON  <input type="checkbox"/> WATER DISPOSAL  <input type="checkbox"/> APD EXTENSION            OTHER: <input style="width: 100px;" type="text"/> </div> </div>	
<b>12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.</b>  Geologists have determined that the target formation needs to be extended on Lateral #1. The original approved TD was 9100' MD and we would like to extend to 9311' MD. The BHL remains in SWSE, Section 7, T10S, R18E. There are no hard lines from unit boundary issues affecting this spot. The BHL footages changes from 660' FSL, 1980' FEL to 298' FSL, 1839' FEL.		
<b>NAME (PLEASE PRINT)</b> Jan Nelson		<b>PHONE NUMBER</b> 435 781-4331
<b>SIGNATURE</b> N/A		<b>TITLE</b> Permit Agent
<b>DATE</b> 4/5/2011		<b>DATE</b> 04/07/2011

**Approved by the  
 Utah Division of  
 Oil, Gas and Mining**

**Date:** 04/07/2011  
**By:**



<b>STATE OF UTAH</b> DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		<b>FORM 9</b>
<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>  Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		<b>5. LEASE DESIGNATION AND SERIAL NUMBER:</b> UTU-81003
<b>1. TYPE OF WELL</b> Oil Well		<b>6. IF INDIAN, ALLOTTEE OR TRIBE NAME:</b>
<b>2. NAME OF OPERATOR:</b> QEP ENERGY COMPANY		<b>7. UNIT or CA AGREEMENT NAME:</b> NEMO (GR)
<b>3. ADDRESS OF OPERATOR:</b> 11002 East 17500 South, Vernal, Ut, 84078		<b>8. WELL NAME and NUMBER:</b> RB DS FED 1G-7-10-18
<b>4. LOCATION OF WELL</b> <b>FOOTAGES AT SURFACE:</b> 0607 FNL 0699 FEL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: NENE Section: 07 Township: 10.0S Range: 18.0E Meridian: S		<b>9. API NUMBER:</b> 43047359320000
<b>9. FIELD and POOL or WILDCAT:</b> UTELAND BUTTE		<b>COUNTY:</b> UINTAH
<b>STATE:</b> UTAH		

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> <b>NOTICE OF INTENT</b> Approximate date work will start: 4/20/2011  <input type="checkbox"/> <b>SUBSEQUENT REPORT</b> Date of Work Completion:  <input type="checkbox"/> <b>SPUD REPORT</b> Date of Spud:  <input type="checkbox"/> <b>DRILLING REPORT</b> Report Date:	<input type="checkbox"/> ACIDIZE <input checked="" type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input type="checkbox"/> OTHER	<input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION OTHER: <span style="border: 1px solid black; display: inline-block; width: 100px; height: 1.2em; vertical-align: middle;"></span>

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.  
  

Geologists have determined that the target formation needs to be extended on Lateral #2. The original approved TD was 9,225' MD and we would like to extend to 9,900' MD. The BHL remains in SENW, Section 5, T10S, R18E. There are no hard lines from unit boundary issues affecting this spot. The BHL footages changes from 2330' FNL, 1550' FWL to 1600' FNL, 1500' FWL. All other aspects of the sundry that was filed on 09/29/2010 to deepen remain as approved.

Approved by the  
Utah Division of  
Oil, Gas and Mining

Date: 04/21/2011

By:

<b>NAME (PLEASE PRINT)</b> Valyn Davis	<b>PHONE NUMBER</b> 435 781-4369	<b>TITLE</b> Regulatory Affairs Analyst
<b>SIGNATURE</b> N/A		<b>DATE</b> 4/20/2011

<b>STATE OF UTAH</b> DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		<b>FORM 9</b>																				
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<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 20%;">TYPE OF SUBMISSION</th> <th colspan="3">TYPE OF ACTION</th> </tr> </thead> <tbody> <tr> <td style="vertical-align: top; padding: 5px;"> <input type="checkbox"/> NOTICE OF INTENT            Approximate date work will start:         </td> <td style="vertical-align: top; padding: 5px;"> <input type="checkbox"/> ACIDIZE  <input type="checkbox"/> CHANGE TO PREVIOUS PLANS  <input type="checkbox"/> CHANGE WELL STATUS  <input type="checkbox"/> DEEPEN  <input type="checkbox"/> OPERATOR CHANGE  <input checked="" type="checkbox"/> PRODUCTION START OR RESUME  <input type="checkbox"/> REPERFORATE CURRENT FORMATION  <input type="checkbox"/> TUBING REPAIR  <input type="checkbox"/> WATER SHUTOFF  <input type="checkbox"/> WILDCAT WELL DETERMINATION         </td> <td style="vertical-align: top; padding: 5px;"> <input type="checkbox"/> ALTER CASING  <input type="checkbox"/> CHANGE TUBING  <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS  <input type="checkbox"/> FRACTURE TREAT  <input type="checkbox"/> PLUG AND ABANDON  <input type="checkbox"/> RECLAMATION OF WELL SITE  <input type="checkbox"/> SIDETRACK TO REPAIR WELL  <input type="checkbox"/> VENT OR FLARE  <input type="checkbox"/> SI TA STATUS EXTENSION  <input type="checkbox"/> OTHER         </td> <td style="vertical-align: top; padding: 5px;"> <input type="checkbox"/> CASING REPAIR  <input type="checkbox"/> CHANGE WELL NAME  <input type="checkbox"/> CONVERT WELL TYPE  <input type="checkbox"/> NEW CONSTRUCTION  <input type="checkbox"/> PLUG BACK  <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION  <input type="checkbox"/> TEMPORARY ABANDON  <input type="checkbox"/> WATER DISPOSAL  <input type="checkbox"/> APD EXTENSION            OTHER: <input style="width: 100px;" type="text"/> </td> </tr> <tr> <td style="vertical-align: top; padding: 5px;"> <input checked="" type="checkbox"/> SUBSEQUENT REPORT            Date of Work Completion:            7/25/2011         </td> <td colspan="3"></td> </tr> <tr> <td style="vertical-align: top; padding: 5px;"> <input type="checkbox"/> SPUD REPORT            Date of Spud:         </td> <td colspan="3"></td> </tr> <tr> <td style="vertical-align: top; padding: 5px;"> <input type="checkbox"/> DRILLING REPORT            Report Date:         </td> <td colspan="3"></td> </tr> </tbody> </table>			TYPE OF SUBMISSION	TYPE OF ACTION			<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input checked="" type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input type="checkbox"/> OTHER	<input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION OTHER: <input style="width: 100px;" type="text"/>	<input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 7/25/2011				<input type="checkbox"/> SPUD REPORT Date of Spud:				<input type="checkbox"/> DRILLING REPORT Report Date:			
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<b>12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.</b> <div style="text-align: center; padding: 20px;"> <p>THIS WELL COMMENCED PRODUCTION ON 7/25/2011.</p> <p style="font-size: 1.2em; margin-top: 20px;">Accepted by the Utah Division of Oil, Gas and Mining <b>FOR RECORD ONLY</b></p> </div>																						
<b>NAME (PLEASE PRINT)</b> Valyn Davis		<b>PHONE NUMBER</b> 435 781-4369																				
<b>SIGNATURE</b> N/A		<b>TITLE</b> Regulatory Affairs Analyst																				
<b>DATE</b> 7/26/2011																						

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<b>Accepted by the          Utah Division of          Oil, Gas and Mining          FOR RECORD ONLY</b>		
<b>NAME (PLEASE PRINT)</b> Valyn Davis	<b>PHONE NUMBER</b> 435 781-4369	<b>TITLE</b> Regulatory Affairs Analyst
<b>SIGNATURE</b> N/A	<b>DATE</b> 7/26/2011	

**RECEIVED** Jul. 26, 2011

<b>STATE OF UTAH</b> DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		<b>FORM 9</b>																														
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<b>12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.</b> QEP Energy Company requests authorization to flare gas beyond the 30 day limit established in NTL-4a. The well is located approximately 6 miles from the nearest gas gathering system, the Three Rivers Pipeline. The well started producing 7-27-2011 and the initial production for the well was approximately 266 BBLS of oil, 55 BBLS of water, and 130 mcf of gas per day. The well is currently making approximately 250 to 300 BBLS of oil, 2 BBLS of water, and 52 mcf of gas (metered) per day. QEP Energy Company is currently working to permit a gas gathering system for this field and will be submitting ROW permits in the near future. It is estimated that the ROW will take approximately 18 months to permit and with construction time included QEP requests approval to flare gas on this well for a minimum of two years with a review of the area and adjacent wells in the later part of 2013.																																
<b>Approved by the Utah Division of Oil, Gas and Mining</b> <b>Date:</b> 09/20/2011 <b>By:</b>																																
<b>NAME (PLEASE PRINT)</b> Valyn Davis		<b>PHONE NUMBER</b> 435 781-4369																														
<b>SIGNATURE</b> N/A		<b>TITLE</b> Regulatory Affairs Analyst																														
<b>DATE</b> 9/7/2011																																

**Please Review Attached Conditions of Approval**

**RECEIVED** Sep. 07, 2011



**The Utah Division of Oil, Gas, and Mining**

- State of Utah
- Department of Natural Resources

**Electronic Permitting System - Sundry Notices**

**Sundry Conditions of Approval Well Number 43047359320000**

**In accordance with rule R649-3-20, an oil well is allowed to vent or flare up to 1800 mcf/month without approval. Flaring or venting above that amount is not allowed without Board of Oil, Gas and Mining approval.**

CONFIDENTIAL

STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MININGAMENDED REPORT ☐ FORM 8  
(highlight changes)

## WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. TYPE OF WELL: OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> DRY <input type="checkbox"/> OTHER _____						5. LEASE DESIGNATION AND SERIAL NUMBER: UTU81003			
b. TYPE OF WORK: NEW WELL <input checked="" type="checkbox"/> HORIZ. LATS. <input type="checkbox"/> DEEP-EN <input checked="" type="checkbox"/> RE-ENTRY <input type="checkbox"/> DIFF. RESVR. <input type="checkbox"/> OTHER _____						6. IF INDIAN, ALLOTTEE OR TRIBE NAME			
2. NAME OF OPERATOR: QEP Energy Company						7. UNIT or CA AGREEMENT NAME UTU87719X			
3. ADDRESS OF OPERATOR: 1050 17th St. Ste. 500 CITY Denver STATE CO ZIP 80265						8. WELL NAME and NUMBER: RB DS FED 1G-7-10-18			
4. LOCATION OF WELL (FOOTAGES) AT SURFACE: 609 FNL, 699 FEL  AT TOP PRODUCING INTERVAL REPORTED BELOW:  AT TOTAL DEPTH: <i>B44' Lat #1 0300 FSL 1841 FEL Lat #2 1902 FSL 1508 FEL</i>						9. API NUMBER: 4304735932			
10. FIELD AND POOL, OR WILDCAT Uteland Butte						11. QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: NENE 7 10S 18E			
12. COUNTY Uintah						13. STATE UTAH			
14. DATE SPURRED: 12/11/2004		15. DATE T.D. REACHED: 5/7/2011		16. DATE COMPLETED: 7/26/2011		17. ELEVATIONS (DF, RKB, RT, GL): 5330 - KB		ABANDONED <input type="checkbox"/> READY TO PRODUCE <input checked="" type="checkbox"/>	
18. TOTAL DEPTH: MD 9,311 9633 TVD 4,968 5282		19. PLUG BACK T.D.: MD TVD		20. IF MULTIPLE COMPLETIONS, HOW MANY? * 2		21. DEPTH BRIDGE MD 4,773 PLUG SET: TVD			
22. TYPE ELECTRIC AND OTHER MECHANICAL LOGS RUN (Submit copy of each) <i>SP/DSN, HRI, CBL/GR (orig logs)</i>						23. WAS WELL CORED? NO <input checked="" type="checkbox"/> YES <input type="checkbox"/> (Submit analysis) WAS DST RUN? NO <input checked="" type="checkbox"/> YES <input type="checkbox"/> (Submit report) DIRECTIONAL SURVEY? NO <input type="checkbox"/> YES <input checked="" type="checkbox"/> (Submit copy)			
24. CASING AND LINER RECORD (Report all strings set in well)									
HOLE SIZE	SIZE/GRADE	WEIGHT (#/ft.)	TOP (MD)	BOTTOM (MD)	STAGE CEMENTER DEPTH	CEMENT TYPE & NO. OF SACKS	SLURRY VOLUME (BBL)	CEMENT TOP **	AMOUNT PULLED
4.75	3.5 P110	9.2	4,718	9,116					
4.75	3.5 P110	9.2	4,725	8,125					
25. TUBING RECORD									
SIZE	DEPTH SET (MD)	PACKER SET (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)	
26. PRODUCING INTERVALS					27. PERFORATION RECORD				
FORMATION NAME	TOP (MD)	BOTTOM (MD)	TOP (TVD)	BOTTOM (TVD)	INTERVAL (Top/Bot - MD)	SIZE	NO. HOLES	PERFORATION STATUS	
(A)								Open <input type="checkbox"/>	Squeezed <input type="checkbox"/>
(B)								Open <input type="checkbox"/>	Squeezed <input type="checkbox"/>
(C)								Open <input type="checkbox"/>	Squeezed <input type="checkbox"/>
(D)								Open <input type="checkbox"/>	Squeezed <input type="checkbox"/>
28. ACID, FRACTURE, TREATMENT, CEMENT SQUEEZE, ETC.									
DEPTH INTERVAL		AMOUNT AND TYPE OF MATERIAL							
29. ENCLOSED ATTACHMENTS:								30. WELL STATUS:	
<input type="checkbox"/> ELECTRICAL/MECHANICAL LOGS				<input type="checkbox"/> GEOLOGIC REPORT		<input type="checkbox"/> DST REPORT		<input checked="" type="checkbox"/> DIRECTIONAL SURVEY	
<input type="checkbox"/> SUNDRY NOTICE FOR PLUGGING AND CEMENT VERIFICATION				<input type="checkbox"/> CORE ANALYSIS		<input checked="" type="checkbox"/> OTHER: Daily Drilling		Producing	

OCT 05 2011

## 31. INITIAL PRODUCTION

## INTERVAL A (As shown in item #26)

DATE FIRST PRODUCED: 7/26/2011		TEST DATE: 8/1/2011		HOURS TESTED: 24		TEST PRODUCTION RATES: →		OIL – BBL: 323		GAS – MCF: 0		WATER – BBL: 0		PROD. METHOD: Flowing							
CHOKE SIZE: 16/64		TBG. PRESS. 125		CSG. PRESS. 45		API GRAVITY		BTU – GAS		GAS/OIL RATIO		24 HR PRODUCTION RATES: →		OIL – BBL: 323		GAS – MCF: 0		WATER – BBL: 0		INTERVAL STATUS:	

## INTERVAL B (As shown in item #26)

DATE FIRST PRODUCED:		TEST DATE:		HOURS TESTED:		TEST PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	PROD. METHOD:
CHOKE SIZE:	TBG. PRESS.	CSG. PRESS.	API GRAVITY	BTU – GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	INTERVAL STATUS:

## INTERVAL C (As shown in item #26)

DATE FIRST PRODUCED:		TEST DATE:		HOURS TESTED:		TEST PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	PROD. METHOD:
CHOKE SIZE:	TBG. PRESS.	CSG. PRESS.	API GRAVITY	BTU – GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	INTERVAL STATUS:

## INTERVAL D (As shown in item #26)

DATE FIRST PRODUCED:		TEST DATE:		HOURS TESTED:		TEST PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	PROD. METHOD:
CHOKE SIZE:	TBG. PRESS.	CSG. PRESS.	API GRAVITY	BTU – GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	INTERVAL STATUS:

## 32. DISPOSITION OF GAS (Sold, Used for Fuel, Vented, Etc.)

## 33. SUMMARY OF POROUS ZONES (Include Aquifers):

Show all important zones of porosity and contents thereof. Cored intervals and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures and recoveries.

## 34. FORMATION (Log) MARKERS:

Formation	Top (MD)	Bottom (MD)	Descriptions, Contents, etc.	Name	Top (Measured Depth)
				Uteland Butte Lateral 1	4,981
				Uteland Butte Lateral 2	4,987
				C Lime Lateral 1	5,295
				C Lime Lateral 2	5,228

## 35. ADDITIONAL REMARKS (Include plugging procedure)

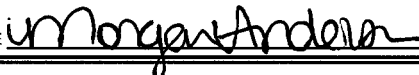
See attached info about production liner, stimulation information.

## 36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records.

NAME (PLEASE PRINT) Morgan Anderson

TITLE Regulatory Affairs Analyst

SIGNATURE



DATE

9/28/2011

This report must be submitted within 30 days of

- completing or plugging a new well
- drilling horizontal laterals from an existing well bore
- recompleting to a different producing formation

- reentering a previously plugged and abandoned well
- significantly deepening an existing well bore below the previous bottom-hole depth
- drilling hydrocarbon exploratory holes, such as core samples and stratigraphic tests

\* ITEM 20: Show the number of completions if production is measured separately from two or more formations.

\*\* ITEM 24: Cement Top – Show how reported top(s) of cement were determined (circulated (CIR), calculated (CAL), cement bond log (CBL), temperature survey (TS)).

Send to: Utah Division of Oil, Gas and Mining  
1594 West North Temple, Suite 1210  
Box 145801  
Salt Lake City, Utah 84114-5801

Phone: 801-538-5340

Fax: 801-359-3940

**Additional Information RB DS FED 1G-7-10-18:**

**Lateral #1 BHL: 298' FSL, 1839' FEL, Sec. 7 10S-18E**

**Production Liner: Liner Hanger @ 4704'; Packers @ 5314', 5686', 6308', 6772', 7330', 7702', 8073', 8787', 8835'; Perforated Joints @ 5517', 5983', 6603', 7036', 7532', 7873', 8587', 9100'.**

**#28 From Form 8: Between 8131' (TMD) and 6061' (TMD): 2500 gal 15% HCl, 22,189 gal FR-66, 46,236 gal Delta 140 and 9,100 lbs sand were used.**

**Lateral #2 BHL: 1899' FNL, 1408' FEL Sec. 5 10S-18E**

**Production Liner: Packers @ 6195', 6941', 7283', 7904', 7951'; Circulating Sleeves @ 6056', 6273', 7112', 7673', 8125'.**

**#28 From Form 8: Between 9106' (TMD) and 5522' (TMD): 75,642 gal 15% HCl and 1680 gal 2% KCl were used.**

<b>Co:</b> NATIVE NAVIGATION	<b>Units:</b> Feet, °, %/100ft	<b>VS Az:</b> 197.66	<b>Method:</b> Minimum Curvature
<b>Drillers:</b> McQuitty, Wardell, Quarles	<b>Elevation:</b> 5333.70		
<b>Well Name:</b> RB DS 1G-7-10-18 1st Lateral	<b>Northing:</b> 7159510.14		
<b>Location:</b> Uintah County, Utah	<b>Easting:</b> 2080663.82	<b>Definitive Survey Report</b>	

No.	MD	CL	Inc.	Azi.	TVD	VS	+N/S-	+E/W-	BR	WR	DLS	Comments
1	4715.70	0.00	1.84	203.03	4712.08	153.33	-146.18	-46.29				Gyro tie in
2	4803.00	87.30	17.30	230.30	4797.92	165.74	-155.82	-56.89	17.71	31.24	17.97	
3	4835.00	32.00	27.00	232.80	4827.52	175.71	-163.27	-66.36	30.31	7.81	30.45	
4	4866.00	31.00	31.50	230.00	4854.56	188.31	-172.74	-78.18	14.52	-9.03	15.17	
5	4897.00	31.00	32.30	225.10	4880.89	202.51	-183.79	-90.25	2.58	-15.81	8.74	
6	4929.00	32.00	36.10	218.90	4907.36	218.89	-197.17	-102.23	11.87	-19.38	16.10	
7	4961.00	32.00	42.30	215.40	4932.15	237.96	-213.30	-114.41	19.37	-10.94	20.56	
8	4992.00	31.00	45.20	209.80	4954.55	258.66	-231.36	-125.92	9.35	-18.06	15.60	
9	5024.00	32.00	48.40	204.70	4976.46	281.65	-252.10	-136.57	10.00	-15.94	15.32	
10	5055.00	31.00	53.20	200.40	4996.05	305.57	-274.28	-145.75	15.48	-13.87	18.84	
11	5087.00	32.00	59.60	199.40	5013.75	332.19	-299.33	-154.81	20.00	-3.13	20.17	
12	5119.00	32.00	63.70	199.20	5028.94	360.33	-325.90	-164.11	12.81	-0.63	12.82	
13	5144.00	25.00	64.10	199.40	5039.94	382.77	-347.09	-171.53	1.60	0.80	1.75	
14	5172.00	28.00	62.80	198.70	5052.45	407.81	-370.77	-179.71	-4.64	-2.50	5.15	
15	5204.00	32.00	62.20	198.20	5067.23	436.19	-397.69	-188.69	-1.88	-1.56	2.33	
16	5236.00	32.00	63.00	198.00	5081.96	464.60	-424.70	-197.52	2.50	-0.63	2.56	
17	5267.00	31.00	68.40	198.70	5094.71	492.84	-451.50	-206.41	17.42	2.26	17.54	
18	5298.00	31.00	78.60	199.00	5103.50	522.52	-479.59	-216.00	32.90	0.97	32.92	
19	5330.00	32.00	88.30	198.00	5107.15	554.27	-509.71	-226.08	30.31	-3.13	30.47	
20	5362.00	32.00	91.50	197.50	5107.20	586.26	-540.18	-235.83	10.00	-1.56	10.12	
21	5393.00	31.00	94.50	197.10	5105.58	617.22	-569.73	-245.04	9.68	-1.29	9.76	
22	5425.00	32.00	95.20	197.50	5102.88	649.10	-600.17	-254.52	2.19	1.25	2.52	
23	5456.00	31.00	93.60	196.70	5100.50	680.01	-629.72	-263.61	-5.16	-2.58	5.77	
24	5476.00	20.00	90.30	196.90	5099.82	699.99	-648.85	-269.38	-16.50	1.00	16.53	BHA change
25	5508.00	32.00	89.90	196.60	5099.76	731.99	-679.49	-278.60	-1.25	-0.94	1.56	
26	5539.00	31.00	90.20	196.60	5099.73	762.98	-709.20	-287.46	0.97	0.00	0.97	
27	5571.00	32.00	90.70	195.50	5099.48	794.97	-739.95	-296.31	1.56	-3.44	3.78	
28	5603.00	32.00	90.80	195.70	5099.06	826.94	-770.77	-304.91	0.31	0.62	0.70	
29	5635.00	32.00	91.50	194.60	5098.42	858.91	-801.65	-313.27	2.19	-3.44	4.07	
30	5666.00	31.00	91.10	193.60	5097.72	889.84	-831.71	-320.82	-1.29	-3.23	3.47	
31	5698.00	32.00	92.00	192.70	5096.85	921.73	-862.85	-328.10	2.81	-2.81	3.98	
32	5729.00	31.00	93.60	191.80	5095.34	952.55	-893.11	-334.67	5.16	-2.90	5.92	

33	5761.00	32.00	93.50	191.80	5093.36	984.32	-924.38	-341.20	-0.31	0.00	0.31
34	5792.00	31.00	94.20	192.20	5091.28	1015.10	-954.63	-347.63	2.26	1.29	2.60
35	5824.00	32.00	94.60	192.40	5088.82	1046.87	-985.80	-354.43	1.25	0.62	1.40
36	5856.00	32.00	93.20	192.50	5086.64	1078.66	-1016.98	-361.31	-4.38	0.31	4.39
37	5887.00	31.00	91.70	192.50	5085.32	1109.51	-1047.21	-368.02	-4.84	0.00	4.84
38	5919.00	32.00	91.10	191.80	5084.54	1141.35	-1078.49	-374.75	-1.88	-2.19	2.88
39	5968.00	49.00	91.50	191.10	5083.42	1190.05	-1126.50	-384.47	0.82	-1.43	1.65 BHA change
40	5999.00	31.00	91.10	191.30	5082.72	1220.84	-1156.90	-390.49	-1.29	0.64	1.44
41	6031.00	32.00	91.40	190.90	5082.02	1252.63	-1188.29	-396.65	0.94	-1.25	1.56
42	6063.00	32.00	92.00	191.10	5081.07	1284.40	-1219.69	-402.76	1.87	0.62	1.98
43	6095.00	32.00	92.90	192.60	5079.71	1316.20	-1250.98	-409.32	2.81	4.69	5.46
44	6126.00	31.00	91.50	189.40	5078.52	1346.96	-1281.38	-415.23	-4.52	-10.32	11.26
45	6158.00	32.00	91.50	189.50	5077.68	1378.63	-1312.94	-420.48	0.00	0.31	0.31
46	6190.00	32.00	92.50	187.40	5076.56	1410.19	-1344.57	-425.18	3.12	-6.56	7.27
47	6221.00	31.00	92.90	187.40	5075.10	1440.66	-1375.28	-429.17	1.29	0.00	1.29
48	6253.00	32.00	92.80	188.10	5073.51	1472.15	-1406.95	-433.48	-0.31	2.19	2.21
49	6284.00	31.00	93.20	188.00	5071.89	1502.67	-1437.60	-437.81	1.29	-0.32	1.33
50	6316.00	32.00	93.00	187.40	5070.16	1534.14	-1469.26	-442.10	-0.63	-1.88	1.97
51	6348.00	32.00	92.60	188.10	5068.59	1565.62	-1500.93	-446.41	-1.25	2.19	2.52
52	6379.00	31.00	91.90	188.00	5067.38	1596.17	-1531.60	-450.74	-2.26	-0.32	2.28
53	6411.00	32.00	91.30	187.30	5066.48	1627.67	-1563.31	-455.00	-1.88	-2.19	2.88
54	6443.00	32.00	91.10	187.10	5065.81	1659.13	-1595.05	-459.01	-0.63	-0.63	0.88
55	6474.00	31.00	91.70	187.30	5065.06	1689.60	-1625.79	-462.90	1.94	0.64	2.04
56	6506.00	32.00	92.20	187.40	5063.97	1721.07	-1657.51	-466.99	1.56	0.31	1.59
57	6536.00	30.00	92.80	188.10	5062.66	1750.59	-1687.21	-471.03	2.00	2.33	3.07
58	6568.00	32.00	92.50	188.50	5061.18	1782.13	-1718.84	-475.64	-0.94	1.25	1.56
59	6600.00	32.00	92.00	188.00	5059.92	1813.68	-1750.48	-480.23	-1.56	-1.56	2.21
60	6631.00	31.00	91.80	187.80	5058.89	1844.21	-1781.17	-484.49	-0.65	-0.65	0.91
61	6663.00	32.00	93.80	190.10	5057.33	1875.80	-1812.74	-489.46	6.25	7.19	9.52
62	6694.00	31.00	93.70	189.50	5055.30	1906.44	-1843.22	-494.73	-0.32	-1.94	1.96
63	6726.00	32.00	92.80	189.40	5053.49	1938.06	-1874.74	-499.97	-2.81	-0.31	2.83
64	6757.00	31.00	91.20	188.80	5052.41	1968.70	-1905.33	-504.87	-5.16	-1.94	5.51
65	6789.00	32.00	90.20	189.40	5052.02	2000.34	-1936.92	-509.93	-3.13	1.87	3.64
66	6821.00	32.00	90.50	189.90	5051.82	2032.03	-1968.47	-515.30	0.94	1.56	1.82
67	6852.00	31.00	93.40	191.80	5050.77	2062.79	-1998.89	-521.13	9.35	6.13	11.18
68	6884.00	32.00	92.00	191.50	5049.26	2094.57	-2030.20	-527.58	-4.38	-0.94	4.47
69	6915.00	31.00	92.90	191.50	5047.93	2125.37	-2060.55	-533.76	2.90	0.00	2.90
70	6947.00	32.00	91.70	190.40	5046.65	2157.12	-2091.94	-539.83	-3.75	-3.44	5.09

71	6979.00	32.00	91.00	190.20	5045.89	2188.85	-2123.41	-545.55	-2.19	-0.63	2.28
72	7010.00	31.00	92.70	191.80	5044.89	2219.62	-2153.83	-551.46	5.48	5.16	7.53
73	7042.00	32.00	92.70	191.30	5043.39	2251.40	-2185.14	-557.86	0.00	-1.56	1.56
74	7074.00	32.00	91.70	191.70	5042.16	2283.19	-2216.48	-564.24	-3.13	1.25	3.37
75	7105.00	31.00	93.10	191.70	5040.86	2314.00	-2246.81	-570.52	4.52	0.00	4.52
76	7136.00	31.00	91.50	191.50	5039.62	2344.80	-2277.15	-576.74	-5.16	-0.65	5.20
77	7168.00	32.00	92.30	191.50	5038.55	2376.60	-2308.49	-583.12	2.50	0.00	2.50
78	7199.00	31.00	92.40	191.80	5037.28	2407.40	-2338.82	-589.38	0.32	0.97	1.02
79	7231.00	32.00	90.80	191.70	5036.39	2439.22	-2370.14	-595.89	-5.00	-0.31	5.01
80	7263.00	32.00	92.60	192.20	5035.44	2471.04	-2401.43	-602.51	5.62	1.56	5.84
81	7294.00	31.00	91.70	191.50	5034.28	2501.86	-2431.75	-608.87	-2.90	-2.26	3.68
82	7326.00	32.00	91.30	191.80	5033.44	2533.67	-2463.08	-615.33	-1.25	0.94	1.56
83	7357.00	31.00	91.70	192.20	5032.63	2564.51	-2493.39	-621.78	1.29	1.29	1.82
84	7389.00	32.00	91.70	191.70	5031.68	2596.34	-2524.68	-628.40	0.00	-1.56	1.56
85	7420.00	31.00	91.20	191.50	5030.89	2627.16	-2555.04	-634.63	-1.61	-0.65	1.74
86	7452.00	32.00	92.50	191.10	5029.86	2658.94	-2586.40	-640.90	4.06	-1.25	4.25
87	7484.00	32.00	92.60	190.80	5028.44	2690.69	-2617.79	-646.97	0.31	-0.94	0.99
88	7515.00	31.00	92.20	191.10	5027.14	2721.45	-2648.20	-652.85	-1.29	0.97	1.61
89	7547.00	32.00	93.40	191.80	5025.58	2753.23	-2679.52	-659.20	3.75	2.19	4.34
90	7578.00	31.00	92.70	191.10	5023.93	2784.00	-2709.86	-665.34	-2.26	-2.26	3.19
91	7610.00	32.00	93.30	191.10	5022.25	2815.75	-2741.22	-671.49	1.87	0.00	1.87
92	7641.00	31.00	94.00	190.80	5020.28	2846.47	-2771.59	-677.37	2.26	-0.97	2.46
93	7673.00	32.00	91.60	190.60	5018.72	2878.19	-2803.00	-683.31	-7.50	-0.63	7.53
94	7705.00	32.00	89.50	191.70	5018.41	2909.98	-2834.39	-689.49	-6.56	3.44	7.41
95	7736.00	31.00	89.20	191.50	5018.76	2940.81	-2864.75	-695.73	-0.97	-0.65	1.16
96	7768.00	32.00	89.30	190.90	5019.18	2972.60	-2896.14	-701.94	0.31	-1.88	1.90
97	7800.00	32.00	90.80	192.40	5019.15	3004.43	-2927.48	-708.40	4.69	4.69	6.63
98	7831.00	31.00	91.10	192.20	5018.64	3035.29	-2957.77	-715.01	0.97	-0.65	1.16
99	7863.00	32.00	91.70	192.50	5017.86	3067.14	-2989.02	-721.85	1.87	0.94	2.10
100	7895.00	32.00	94.50	193.60	5016.12	3098.98	-3020.14	-729.06	8.75	3.44	9.40
101	7926.00	31.00	94.10	193.40	5013.80	3129.82	-3050.20	-736.28	-1.29	-0.65	1.44
102	7958.00	32.00	94.40	193.80	5011.43	3161.65	-3081.22	-743.78	0.94	1.25	1.56
103	7989.00	31.00	93.00	193.90	5009.43	3192.51	-3111.25	-751.19	-4.52	0.32	4.53
104	8021.00	32.00	92.20	194.50	5007.98	3224.42	-3142.24	-759.03	-2.50	1.87	3.12
105	8052.00	31.00	91.70	194.80	5006.92	3255.36	-3172.22	-766.86	-1.61	0.97	1.88
106	8084.00	32.00	92.10	195.30	5005.86	3287.31	-3203.10	-775.17	1.25	1.56	2.00
107	8115.00	31.00	92.20	195.50	5004.70	3318.26	-3232.97	-783.40	0.32	0.64	0.72
108	8147.00	32.00	91.90	194.60	5003.55	3350.21	-3263.85	-791.70	-0.94	-2.81	2.96

					TVD	VS	N/S	E/W			
109	8179.00	32.00	91.60	194.60	5002.58	3382.15	-3294.80	-799.76	-0.94	0.00	0.94
110	8210.00	31.00	91.00	194.80	5001.87	3413.10	-3324.78	-807.63	-1.94	0.64	2.04
111	8242.00	32.00	90.50	195.30	5001.45	3445.06	-3355.68	-815.93	-1.56	1.56	2.21
112	8273.00	31.00	90.60	196.00	5001.16	3476.04	-3385.53	-824.30	0.32	2.26	2.28
113	8305.00	32.00	91.30	196.70	5000.63	3508.03	-3416.23	-833.30	2.19	2.19	3.09
114	8337.00	32.00	91.20	196.60	4999.93	3540.02	-3446.88	-842.47	-0.31	-0.31	0.44
115	8368.00	31.00	91.40	196.60	4999.22	3571.00	-3476.58	-851.32	0.64	0.00	0.64
116	8400.00	32.00	92.60	197.30	4998.11	3602.98	-3507.17	-860.65	3.75	2.19	4.34
117	8431.00	31.00	92.90	197.30	4996.62	3633.95	-3536.73	-869.86	0.97	0.00	0.97
118	8463.00	32.00	92.30	196.90	4995.17	3665.91	-3567.29	-879.25	-1.88	-1.25	2.25
119	8494.00	31.00	91.40	196.00	4994.17	3696.89	-3597.00	-888.03	-2.90	-2.90	4.11
120	8526.00	32.00	91.30	196.20	4993.41	3728.87	-3627.74	-896.90	-0.31	0.62	0.70
121	8558.00	32.00	92.50	196.60	4992.35	3760.84	-3658.42	-905.93	3.75	1.25	3.95
122	8589.00	31.00	93.10	196.90	4990.84	3791.80	-3688.07	-914.85	1.94	0.97	2.16
123	8621.00	32.00	92.60	196.60	4989.25	3823.76	-3718.67	-924.06	-1.56	-0.94	1.82
124	8652.00	31.00	91.80	196.00	4988.06	3854.72	-3748.40	-932.76	-2.58	-1.94	3.23
125	8684.00	32.00	92.40	196.90	4986.88	3886.69	-3779.07	-941.81	1.87	2.81	3.38
126	8715.00	31.00	91.90	196.60	4985.72	3917.67	-3808.74	-950.74	-1.61	-0.97	1.88
127	8747.00	32.00	92.20	197.50	4984.58	3949.65	-3839.31	-960.12	0.94	2.81	2.96
128	8778.00	31.00	92.20	197.50	4983.39	3980.62	-3868.85	-969.43	0.00	0.00	0.00
129	8810.00	32.00	92.50	198.00	4982.07	4012.60	-3899.30	-979.18	0.94	1.56	1.82
130	8842.00	32.00	93.00	198.20	4980.54	4044.56	-3929.69	-989.11	1.56	0.62	1.68
131	8904.00	62.00	93.10	198.70	4977.24	4106.46	-3988.42	-1008.70	0.16	0.81	0.82
132	8936.00	32.00	92.80	198.90	4975.59	4138.42	-4018.67	-1019.00	-0.94	0.62	1.13
133	8966.00	30.00	92.30	198.90	4974.26	4168.38	-4047.02	-1028.71	-1.67	0.00	1.67
134	9029.00	63.00	91.20	198.30	4972.33	4231.34	-4106.70	-1048.80	-1.75	-0.95	1.99
135	9093.00	64.00	91.00	199.20	4971.11	4295.32	-4167.29	-1069.36	-0.31	1.41	1.44
136	9156.00	63.00	91.20	199.70	4969.90	4358.27	-4226.69	-1090.34	0.32	0.79	0.85
137	9218.00	62.00	91.20	199.60	4968.60	4420.22	-4285.06	-1111.18	0.00	-0.16	0.16
138	9281.00	63.00	90.50	198.70	4967.66	4483.19	-4344.57	-1131.85	-1.11	-1.43	1.81 TD Survey
139	9312.00	31.00	90.50	198.70	4967.39	4514.19	-4373.93	-1141.78	0.00	0.00	0.00 Proj to bit

<b>Co:</b> NATIVE NAVIGATION	<b>Units:</b> Feet, °, °/100ft	<b>VS Az:</b> 27.13	<b>Method:</b> Minimum Curvature
<b>Drillers:</b> Wardell / Quarels	<b>Elevation:</b> 5333.70		
<b>Well Name:</b> RB DS 1G-7-10-18 2nd Lateral	<b>Northing:</b> 7159510.14		
<b>Location:</b> Uintah County, Utah	<b>Easting:</b> 2080663.82	<b>Definitive Survey Report</b>	

**Survey\_Lat\_2**

No.	MD	CL	Inc.	Azi.	TVD	VS	+N/S-	+E/W-	BR	WR	DLS	Comments
1	4615.00	0.00	1.77	187.37	4612.13	-148.15	-143.17	-45.47				Tie in w/gyro
2	4641.00	26.00	1.80	197.50	4638.12	-148.93	-143.96	-45.64	0.12	38.96	1.22	Gyro survey
3	4726.00	85.00	12.30	42.40	4722.54	-141.48	-138.52	-39.91	12.35	-182.47	16.42	
4	4757.00	31.00	12.80	37.10	4752.80	-134.91	-133.34	-35.61	1.61	-17.10	4.05	
5	4789.00	32.00	16.40	26.20	4783.77	-126.90	-126.46	-31.48	11.25	-34.06	14.11	
6	4821.00	32.00	20.80	19.70	4814.09	-116.74	-117.05	-27.57	13.75	-20.31	15.18	
7	4853.00	32.00	24.60	27.80	4843.61	-104.44	-105.80	-22.54	11.87	25.31	15.35	
8	4884.00	31.00	27.10	30.10	4871.51	-90.93	-93.98	-15.99	8.06	7.42	8.69	
9	4916.00	32.00	29.20	30.60	4899.72	-75.86	-80.96	-8.36	6.56	1.56	6.60	
10	4947.00	31.00	32.70	29.60	4926.31	-59.94	-67.16	-0.37	11.29	-3.23	11.41	
11	4979.00	32.00	37.60	31.90	4952.46	-41.57	-51.35	9.06	15.31	7.19	15.86	
12	5011.00	32.00	41.00	31.50	4977.22	-21.36	-34.10	19.71	10.62	-1.25	10.65	
13	5042.00	31.00	43.90	32.60	5000.09	-0.52	-16.38	30.81	9.35	3.55	9.66	
14	5064.00	22.00	48.00	35.20	5015.39	15.17	-3.26	39.64	18.64	11.82	20.48	
15	5095.00	31.00	42.30	34.20	5037.24	36.95	14.79	52.15	-18.39	-3.23	18.53	
16	5127.00	32.00	36.30	32.70	5062.00	57.08	31.69	63.33	-18.75	-4.69	18.98	
17	5158.00	31.00	41.50	33.80	5086.11	76.43	47.95	74.01	16.77	3.55	16.92	
18	5190.00	32.00	46.60	32.70	5109.10	98.54	66.56	86.20	15.94	-3.44	16.11	
19	5222.00	32.00	52.40	32.70	5129.88	122.75	87.03	99.34	18.12	0.00	18.12	
20	5253.00	31.00	59.40	32.20	5147.25	148.29	108.68	113.10	22.58	-1.61	22.62	
21	5285.00	32.00	66.20	31.20	5161.87	176.65	132.88	128.04	21.25	-3.13	21.43	
22	5316.00	31.00	73.70	30.30	5172.49	205.69	157.89	142.91	24.19	-2.90	24.35	
23	5348.00	32.00	82.70	30.10	5179.02	236.94	184.94	158.65	28.12	-0.63	28.13	
24	5379.00	31.00	88.70	28.20	5181.35	267.82	211.92	173.70	19.35	-6.13	20.30	
25	5411.00	32.00	90.30	26.10	5181.63	299.81	240.39	188.30	5.00	-6.56	8.25	
26	5445.00	34.00	92.00	26.10	5180.94	333.80	270.92	203.26	5.00	0.00	5.00	
27	5477.00	32.00	92.20	25.40	5179.77	365.77	299.72	217.15	0.62	-2.19	2.27	
28	5508.00	31.00	92.10	25.40	5178.61	396.73	327.71	230.44	-0.32	0.00	0.32	
29	5540.00	32.00	92.80	24.50	5177.24	428.68	356.69	243.92	2.19	-2.81	3.56	
30	5571.00	31.00	93.70	24.00	5175.48	459.59	384.91	256.64	2.90	-1.61	3.32	
31	5603.00	32.00	93.70	24.80	5173.42	491.49	413.99	269.83	0.00	2.50	2.49	
32	5635.00	32.00	93.60	24.50	5171.38	523.39	443.02	283.15	-0.31	-0.94	0.99	

33	5666.00	31.00	93.70	24.10	5169.41	554.29	471.21	295.88	0.32	-1.29	1.33
34	5698.00	32.00	93.20	24.70	5167.48	586.20	500.30	309.07	-1.56	1.87	2.44
35	5729.00	31.00	90.80	24.80	5166.40	617.15	528.43	322.04	-7.74	0.32	7.75
36	5761.00	32.00	89.60	24.80	5166.29	649.12	557.48	335.46	-3.75	0.00	3.75
37	5792.00	31.00	92.30	24.80	5165.77	680.09	585.62	348.46	8.71	0.00	8.71
38	5824.00	32.00	92.80	24.80	5164.35	712.03	614.64	361.87	1.56	0.00	1.56
39	5855.00	31.00	93.60	24.50	5162.62	742.95	642.77	374.78	2.58	-0.97	2.76
40	5887.00	32.00	91.10	25.50	5161.31	774.90	671.74	388.29	-7.81	3.12	8.41
41	5918.00	31.00	86.10	25.40	5162.06	805.87	699.72	401.61	-16.13	-0.32	16.13
42	5950.00	32.00	86.20	24.80	5164.21	837.78	728.63	415.15	0.31	-1.88	1.90
43	5982.00	32.00	88.30	25.20	5165.75	869.72	757.60	428.66	6.56	1.25	6.68
44	6013.00	31.00	89.10	26.10	5166.45	900.70	785.53	442.07	2.58	2.90	3.88
45	6045.00	32.00	89.40	25.90	5166.87	932.69	814.29	456.10	0.94	-0.63	1.13
46	6076.00	31.00	89.70	25.90	5167.11	963.68	842.18	469.64	0.97	0.00	0.97
47	6108.00	32.00	88.20	25.70	5167.70	995.66	870.98	483.57	-4.69	-0.63	4.73
48	6139.00	31.00	87.80	25.90	5168.78	1026.64	898.88	497.05	-1.29	0.64	1.44
49	6171.00	32.00	86.90	25.20	5170.26	1058.59	927.72	510.84	-2.81	-2.19	3.56
50	6203.00	32.00	86.90	24.70	5171.99	1090.52	956.69	524.32	0.00	-1.56	1.56
51	6234.00	31.00	88.10	25.50	5173.34	1121.47	984.73	537.45	3.87	2.58	4.65
52	6266.00	32.00	88.50	25.50	5174.29	1153.44	1013.60	551.22	1.25	0.00	1.25
53	6297.00	31.00	88.00	25.40	5175.24	1184.42	1041.58	564.54	-1.61	-0.32	1.65
54	6329.00	32.00	85.60	25.20	5177.03	1216.35	1070.46	578.19	-7.50	-0.63	7.53
55	6360.00	31.00	86.60	26.20	5179.14	1247.26	1098.33	591.60	3.23	3.23	4.56
56	6392.00	32.00	87.10	26.10	5180.89	1279.21	1127.01	605.69	1.56	-0.31	1.59
57	6413.00	21.00	87.80	26.20	5181.83	1300.19	1145.84	614.93	3.33	0.48	3.37 bha change
58	6444.00	31.00	86.80	26.60	5183.29	1331.15	1173.58	628.70	-3.23	1.29	3.47
59	6476.00	32.00	86.80	26.80	5185.07	1363.10	1202.12	643.06	0.00	0.62	0.62
60	6508.00	32.00	88.70	27.10	5186.33	1395.07	1230.63	657.55	5.94	0.94	6.01
61	6539.00	31.00	89.20	27.10	5186.90	1426.07	1258.22	671.67	1.61	0.00	1.61
62	6571.00	32.00	88.90	26.20	5187.43	1458.06	1286.81	686.02	-0.94	-2.81	2.96
63	6603.00	32.00	88.50	26.20	5188.16	1490.05	1315.52	700.14	-1.25	0.00	1.25
64	6634.00	31.00	90.00	27.10	5188.56	1521.04	1343.22	714.05	4.84	2.90	5.64
65	6666.00	32.00	90.80	27.80	5188.34	1553.04	1371.62	728.80	2.50	2.19	3.32
66	6696.00	30.00	90.70	28.90	5187.94	1583.03	1398.02	743.04	-0.33	3.67	3.68
67	6727.00	31.00	89.70	29.20	5187.84	1614.02	1425.12	758.09	-3.23	0.97	3.37
68	6759.00	32.00	88.90	28.90	5188.23	1645.99	1453.09	773.63	-2.50	-0.94	2.67
69	6790.00	31.00	87.90	29.90	5189.09	1676.96	1480.08	788.84	-3.23	3.23	4.56
70	6822.00	32.00	87.70	29.60	5190.32	1708.90	1507.85	804.71	-0.63	-0.94	1.13

71	6854.00	32.00	88.30	30.30	5191.44	1740.84	1535.56	820.67	1.87	2.19	2.88
72	6885.00	31.00	88.00	30.50	5192.44	1771.77	1562.28	836.35	-0.97	0.64	1.16
73	6917.00	32.00	87.30	30.50	5193.75	1803.69	1589.83	852.58	-2.19	0.00	2.19
74	6948.00	31.00	88.20	31.00	5194.97	1834.61	1616.45	868.42	2.90	1.61	3.32
75	6979.00	31.00	88.10	31.00	5195.97	1865.52	1643.01	884.38	-0.32	0.00	0.32
76	7011.00	32.00	89.00	31.50	5196.78	1897.43	1670.36	900.97	2.81	1.56	3.22
77	7042.00	31.00	90.10	32.70	5197.02	1928.31	1696.61	917.44	3.55	3.87	5.25
78	7074.00	32.00	88.50	31.50	5197.41	1960.18	1723.72	934.45	-5.00	-3.75	6.25
79	7106.00	32.00	85.90	30.50	5198.98	1992.07	1751.11	950.91	-8.13	-3.13	8.70
80	7137.00	31.00	87.40	30.60	5200.79	2022.96	1777.76	966.64	4.84	0.32	4.85
81	7169.00	32.00	89.80	31.00	5201.57	2054.88	1805.24	983.02	7.50	1.25	7.60
82	7201.00	32.00	91.10	32.40	5201.32	2086.78	1832.46	999.83	4.06	4.37	5.97
83	7232.00	31.00	88.70	29.90	5201.37	2117.70	1858.99	1015.86	-7.74	-8.06	11.18
84	7264.00	32.00	86.60	28.40	5202.68	2149.65	1886.91	1031.44	-6.56	-4.69	8.06
85	7296.00	32.00	86.30	28.40	5204.67	2181.58	1915.01	1046.63	-0.94	0.00	0.94
86	7327.00	31.00	86.10	27.80	5206.72	2212.51	1942.29	1061.20	-0.65	-1.94	2.04
87	7359.00	32.00	86.70	28.00	5208.73	2244.44	1970.52	1076.14	1.87	0.62	1.98
88	7390.00	31.00	88.10	27.60	5210.14	2275.41	1997.91	1090.58	4.52	-1.29	4.70
89	7422.00	32.00	88.50	28.20	5211.08	2307.39	2026.18	1105.55	1.25	1.87	2.25
90	7453.00	31.00	88.50	26.80	5211.90	2338.38	2053.66	1119.86	0.00	-4.52	4.51
91	7485.00	32.00	88.30	25.00	5212.79	2370.35	2082.44	1133.83	-0.63	-5.63	5.66
92	7517.00	32.00	89.80	25.70	5213.32	2402.33	2111.35	1147.53	4.69	2.19	5.17
93	7548.00	31.00	90.10	25.40	5213.35	2433.32	2139.32	1160.90	0.97	-0.97	1.37
94	7580.00	32.00	89.60	25.50	5213.43	2465.31	2168.21	1174.65	-1.56	0.31	1.59
95	7610.00	30.00	87.50	23.10	5214.19	2495.26	2195.54	1186.99	-7.00	-8.00	10.63
96	7641.00	31.00	86.30	22.40	5215.87	2526.12	2224.09	1198.96	-3.87	-2.26	4.48
97	7673.00	32.00	86.20	21.70	5217.96	2557.93	2253.68	1210.95	-0.31	-2.19	2.21
98	7705.00	32.00	86.40	21.30	5220.02	2589.71	2283.40	1222.65	0.62	-1.25	1.40
99	7737.00	32.00	86.40	21.30	5222.03	2621.48	2313.15	1234.25	0.00	0.00	0.00
100	7768.00	31.00	87.10	22.60	5223.79	2652.30	2341.86	1245.82	2.26	4.19	4.76
101	7799.00	31.00	86.40	21.80	5225.55	2683.14	2370.51	1257.52	-2.26	-2.58	3.43
102	7831.00	32.00	86.30	21.10	5227.59	2714.91	2400.24	1269.19	-0.31	-2.19	2.21
103	7863.00	32.00	89.00	22.40	5228.90	2746.74	2429.93	1281.04	8.44	4.06	9.36
104	7894.00	31.00	88.20	21.50	5229.66	2777.61	2458.67	1292.63	-2.58	-2.90	3.88
105	7926.00	32.00	89.80	22.60	5230.21	2809.47	2488.33	1304.64	5.00	3.44	6.07
106	7957.00	31.00	92.50	23.80	5229.59	2840.39	2516.81	1316.84	8.71	3.87	9.53
107	7989.00	32.00	92.90	24.00	5228.08	2872.31	2546.03	1329.80	1.25	0.62	1.40
108	8020.00	31.00	92.20	24.30	5226.70	2903.23	2574.29	1342.47	-2.26	0.97	2.46

109	8052.00	32.00	89.80	23.80	5226.15	2935.18	2603.51	1355.50	-7.50	-1.56	7.66
110	8083.00	31.00	89.30	23.40	5226.39	2966.12	2631.91	1367.91	-1.61	-1.29	2.07
111	8115.00	32.00	86.20	22.20	5227.65	2998.00	2661.39	1380.30	-9.69	-3.75	10.39
112	8146.00	31.00	86.50	21.80	5229.62	3028.81	2690.07	1391.89	0.97	-1.29	1.61
113	8177.00	31.00	87.20	22.60	5231.32	3059.65	2718.73	1403.59	2.26	2.58	3.43
114	8209.00	32.00	88.10	24.00	5232.64	3091.55	2748.09	1416.23	2.81	4.37	5.20
115	8240.00	31.00	84.10	23.30	5234.74	3122.42	2776.42	1428.64	-12.90	-2.26	13.10
116	8272.00	32.00	84.00	23.30	5238.06	3154.17	2805.65	1441.23	-0.31	0.00	0.31
117	8303.00	31.00	85.30	23.80	5240.95	3184.98	2833.94	1453.56	4.19	1.61	4.49
118	8335.00	32.00	86.10	24.10	5243.35	3216.84	2863.11	1466.51	2.50	0.94	2.67
119	8369.00	34.00	89.90	25.70	5244.54	3250.78	2893.92	1480.82	11.18	4.71	12.12
120	8401.00	32.00	89.70	26.20	5244.65	3282.78	2922.69	1494.82	-0.63	1.56	1.68
121	8432.00	31.00	89.50	26.90	5244.86	3313.77	2950.42	1508.68	-0.65	2.26	2.35
122	8463.00	31.00	88.00	27.30	5245.54	3344.77	2978.01	1522.79	-4.84	1.29	5.01
123	8495.00	32.00	87.60	27.30	5246.77	3376.74	3006.43	1537.46	-1.25	0.00	1.25
124	8527.00	32.00	86.30	27.10	5248.47	3408.70	3034.85	1552.07	-4.06	-0.63	4.11
125	8558.00	31.00	86.60	27.50	5250.39	3439.64	3062.34	1566.26	0.97	1.29	1.61
126	8590.00	32.00	86.40	27.50	5252.34	3471.58	3090.67	1581.01	-0.63	0.00	0.63
127	8622.00	32.00	86.20	27.10	5254.41	3503.51	3119.05	1595.65	-0.63	-1.25	1.40
128	8654.00	32.00	88.70	28.20	5255.83	3535.47	3147.36	1610.49	7.81	3.44	8.53
129	8685.00	31.00	88.60	28.40	5256.56	3566.46	3174.65	1625.18	-0.32	0.64	0.72
130	8717.00	32.00	88.70	28.50	5257.32	3598.44	3202.78	1640.42	0.31	0.31	0.44
131	8748.00	31.00	88.70	28.70	5258.02	3629.42	3229.99	1655.26	0.00	0.64	0.64
132	8780.00	32.00	88.30	29.20	5258.86	3661.39	3257.98	1670.74	-1.25	1.56	2.00
133	8811.00	31.00	87.30	28.70	5260.05	3692.36	3285.09	1685.73	-3.23	-1.61	3.61
134	8843.00	32.00	88.00	30.30	5261.36	3724.30	3312.91	1701.48	2.19	5.00	5.45
135	8875.00	32.00	87.20	30.60	5262.70	3756.22	3340.48	1717.68	-2.50	0.94	2.67
136	8907.00	32.00	88.90	32.70	5263.79	3788.10	3367.70	1734.46	5.31	6.56	8.44
137	8938.00	31.00	87.90	31.00	5264.65	3818.98	3394.02	1750.81	-3.23	-5.48	6.36
138	8970.00	32.00	88.50	31.30	5265.66	3850.88	3421.39	1767.36	1.87	0.94	2.10
139	9001.00	31.00	88.10	31.50	5266.58	3881.78	3447.84	1783.50	-1.29	0.64	1.44
140	9033.00	32.00	88.00	32.00	5267.67	3913.66	3475.03	1800.33	-0.31	1.56	1.59
141	9064.00	31.00	88.40	31.90	5268.64	3944.54	3501.33	1816.73	1.29	-0.32	1.33
142	9096.00	32.00	88.00	31.50	5269.65	3976.42	3528.54	1833.53	-1.25	-1.25	1.77
143	9128.00	32.00	87.50	31.90	5270.90	4008.29	3555.74	1850.34	-1.56	1.25	2.00
144	9159.00	31.00	86.70	31.50	5272.47	4039.15	3582.08	1866.60	-2.58	-1.29	2.88
145	9191.00	32.00	86.60	31.20	5274.34	4071.01	3609.37	1883.22	-0.31	-0.94	0.99
146	9223.00	32.00	87.30	30.60	5276.04	4102.90	3636.78	1899.63	2.19	-1.88	2.88

					TVD	VS	N/S	E/W				
147	9255.00	32.00	88.20	31.30	5277.30	4134.80	3664.21	1916.08	2.81	2.19	3.56	
148	9286.00	31.00	88.30	31.00	5278.25	4165.71	3690.72	1932.11	0.32	-0.97	1.02	
149	9318.00	32.00	88.50	30.80	5279.14	4197.63	3718.17	1948.53	0.62	-0.63	0.88	
150	9350.00	32.00	88.90	30.60	5279.87	4229.56	3745.68	1964.87	1.25	-0.63	1.40	
151	9381.00	31.00	89.80	30.60	5280.22	4260.50	3772.36	1980.65	2.90	0.00	2.90	
152	9413.00	32.00	89.10	29.90	5280.53	4292.45	3800.00	1996.77	-2.19	-2.19	3.09	
153	9444.00	31.00	89.90	30.30	5280.80	4323.41	3826.82	2012.31	2.58	1.29	2.88	
154	9475.00	31.00	89.60	30.30	5280.93	4354.36	3853.59	2027.95	-0.97	0.00	0.97	
155	9507.00	32.00	89.20	29.90	5281.27	4386.31	3881.27	2044.00	-1.25	-1.25	1.77	
156	9538.00	31.00	88.90	29.60	5281.78	4417.28	3908.18	2059.38	-0.97	-0.97	1.37	
157	9570.00	32.00	89.40	29.90	5282.26	4449.24	3935.96	2075.26	1.56	0.94	1.82	
158	9602.00	32.00	90.40	31.00	5282.31	4481.19	3963.54	2091.47	3.12	3.44	4.65	
159	9633.00	31.00	90.40	31.00	5282.09	4512.11	3990.11	2107.44	0.00	0.00	0.00	projection to TD

QEP ENERGY

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## Operations Summary Report

Well Name: RB DS FED 1G-7-10-18

Location: 7- 10-S 18-E 26

Rig Name: BASIN WELL SERVICE

Spud Date: 12/11/2004

Rig Release: 12/1/2010

Rig Number: 3

Date	From - To	Hours	Code	Sub Code	Description of Operations
11/29/2010	05:30 - 07:00	1.50	TRAV	1	11/29/10: TRAVEL TO LOCATION.
	07:00 - 08:30	1.50	LOC	4	MIRU. CHANGE EQUIPMENT OVER FOR RODS.
	08:30 - 12:15	3.75	CIRC	1	RU HOT OILER. FILLED CSG WITH 20-BBLS PRODUCTION WATER. CIRCULATE AN ADDITIONAL 145-BBLS PRODUCTION WATER @ 220 DEGREES WHILE WORKING AND TRYING TO FREE UP ROD STRING. WORKED RODS FREE AND UNSEATED PUMP.
	12:15 - 12:30	0.25	TRP	6	POOH WITH POLISH ROD, 1-2', 1-4', 1-6', 1-8' PONY SUBS AND 1- 7/8" ROD.
	12:30 - 13:15	0.75	CIRC	1	RU HOT OILER AND FLUSHED RODS WITH 50-BBLS PRODUCTION WATER @ 220-DEGREES.
	13:15 - 15:30	2.25	TRP	6	POOH AND LAYED DOWN 68-7/8" TOTAL PLAIN RODS, 136- 3/4" PLAIN RODS AND 2 1/2" X 1 1/2" PUMP. FLUSHED RODS AS NEEDED.
	15:30 - 15:45	0.25	OTH		CHANGE EQUIPMENT OVER FOR 2 7/8" TBG.
	15:45 - 16:30	0.75	BOP	1	ND WELL HEAD ASSEMBLY. RELEASED TYPE "T" TBG ANCHOR SET @ 5108'. NU BOP'S.
	16:30 - 17:00	0.50	OTH		RU TBG EQUIPMENT. SWIFN
	17:00 - 18:30	1.50	TRAV	1	TRAVEL TO TOWN.
11/30/2010	05:30 - 07:00	1.50	TRAV	1	11/30/10: TRAVEL TO LOCATION.
	07:00 - 07:15	0.25	RIG	7	SAFETY MEETING.
	07:15 - 09:15	2.00	TRP	2	CHECK PRESSURE: SICP= LITE VAC. SITP= LITE VAC. POOH WITH 163-JT'S 2 7/8" TBG, TYPE "T" ANCHOR, 1-JT 2 7/8" TBG, SN, 1-JT 2 7/8" TBG AND BAR N/C.
	09:15 - 11:30	2.25	TRP	2	TALLY AND RIH WITH 5 1/2" TBG SET CIBP AND 153-JT'S 2 7/8" TBG. SET CIBP@ 4770'. CONFIRMED TALLY AND SETTING DEPTH WITH JIM SIMONTON.
	11:30 - 13:30	2.00	HOT	1	RU HOT OILER. WITH EOT @ 4757'. FILLED HOLE WITH 5-BBLS PRODUCTION WATER AND CIRCULATED AN ADDITIONAL 120-BBLS PRODUCTION WATER TO CLEAN UP WELL.
	13:30 - 14:00	0.50	EQT	1	PRESSURE TESTED CSG TO 1000# PSI. WITH HOT OILER. 15-MINUTE TEST. LOST 0-PRESSURE. BLED OFF PRESSURE AND RD HOT OILER.
	14:00 - 16:30	2.50	TRP	5	POOH LAYING DOWN 153-JT'S 2 7/8" TBG AND SETTING TOOL. RIH WITH 20-JT'S FROM DERRICK AND LD SAME.
	16:30 - 17:00	0.50	OTH		RD AND RACK OUT TBG EQUIPMENT. RD RIG FLOOR. SWIFN
12/1/2010	17:00 - 18:30	1.50	TRAV	1	TRAVEL TO TOWN.
	05:30 - 07:00	1.50	TRAV	1	12/01/10: TRAVEL TO LOCATION.
	07:00 - 07:15	0.25	OTH		CHECK PRESSURE: SICP=0-PSI.
	07:15 - 07:45	0.50	BOP	1	ND AND RACK OUT BOP'S. NU WELLHEAD FLANGE. SWI.
	07:45 - 09:00	1.25	LOC	4	RDMO. FINAL REPORT.

QEP ENERGY

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## Operations Summary Report

Well Name: RB DS FED 1G-7-10-18

Spud Date: 12/11/2004

Location: 7- 10-S 18-E 26

Rig Release: 5/20/2011

Rig Name: BASIN WELL SERVICE

Rig Number: 3

Date	From - To	Hours	Code	Sub Code	Description of Operations
3/17/2011	06:00 - 18:00	12.00	LOC	3	PJSM AND MOVE 57 MILES WITH L & S TRUCKING. CAMPS MOVED AND SET, CARRIER, SUB, MUD TANK, GAS BUSTER, TOP DRIVE ON LOCATION. 30 % MOVED, 70% OFF OLD LOCATION. dIRT CONTRACTOR CAN BE ON LOCATION THIS a.m.
	18:00 - 06:00	12.00	OTH		WAIT ON DAYLIGHT
3/18/2011	06:00 - 18:00	12.00	LOC	3	MOVE 57 MILES AND RIG UP WITH L & S TRUCKING
	18:00 - 03:00	9.00	LOC	4	RIG UP BY HAND
	03:00 - 06:00	3.00	BOP	1	NIPPLE UP BOPE
3/19/2011	06:00 - 12:00	6.00	BOP	1	NIPPLE UP BOPE AND CHOKE MANIFOLD, CHANGE OUT PIPE RAMS TO 2 7/8, GAS BUSTER LINE.
	12:00 - 17:00	5.00	BOP	2	PJSM, RIG UP TESTER AND TEST BOPE, TESTED PIPE RAMS, BLIND RAMS, HCR VALVE, CHOKE LINE, DART VALVE, CHOKE MANIFOLD, LOWER KELLY COCK, AND SAFETY VALVE TO 250 PSI LOW AND 3000 PSI HIGH PRESSURE, TESTED HYDRIL TO 250 PSI LOW, AND 2500 HIGH PRESSURE. TESTED BACK TO PUMP TO 250 LOW, 3000 PSI HIGH PRESSURE. TEST CASING TO 1500 FOR 30 MIN.
	17:00 - 19:00	2.00	BOP	1	TEST WITNESSED BY CADE TAYLOR WITH BLM MAKE AND INSTALL FLOW LINE FLANGE, HOOK UP BLOW DOWN LINES, AND FLARE LINES.
	19:00 - 00:00	5.00	TRP	2	TRIP IN WITH 4.750 BIT, CASING SCRAPER, HWDP, AND DRILL PIPE, TO 4770 FT.
	00:00 - 00:30	0.50	TRP	2	RIG DOWN LAY DOWN TRUCK.
	00:30 - 02:00	1.50	CIRC	1	PJSM AND RIG UP AND CIRCULATE WITH ACTION HOT OIL TRUCK.
	02:00 - 03:00	1.00	RIG	6	CUT DRILLING LINE
	03:00 - 05:00	2.00	TRP	2	TRIP OUT FOR KNIGHT WHIPSTOCK
	05:00 - 06:00	1.00	TRP	1	PICK UP AND ORIENT WHIPSTOCK
3/20/2011	06:00 - 07:00	1.00	TRP	1	MAKE UP WHIPSTOCK
	07:00 - 12:00	5.00	WOT	4	WAIT ON TOOLS, UBHO SUB WAS WRONG.
	12:00 - 17:00	5.00	TRP	2	TRIP IN HOLE WITH WHIPSTOCK
	17:00 - 20:00	3.00	LOG	4	PJSM AND RIG UP WIRE LINE TO GYRO AND ORIENT WHIPSTOCK, SET ANCHOR W/ 12 K, SET WHIPSTOCK W / 23 K, @ 208 AZM.
	20:00 - 20:30	0.50	LOG	4	POOH AND RIG DOWN WIRE LINE TRUCK.
	20:30 - 00:30	4.00	DRL	1	MILL WINDOW IN CASING AT 4754 TO 4765, W / 2-7 K ON MILL, 140 GPM, 75 RPM, 850 PUMP PRESSURE. TOP OF WINDOW-4754, BOTTOM OF WINDOW 4761
	00:30 - 01:30	1.00	CIRC	1	CIRCULATE AND REAM WINDOW, PUMP 2 HIGH VIS PILLS AND 1 DRY JOB.
	01:30 - 03:00	1.50	TRP	2	TRIP OUT WITH WINDOW MILL.
	03:00 - 03:30	0.50	TRP	1	LAY DOWN MILL AND WHIPSTOCK TOOLS
	03:30 - 06:00	2.50	TRP	1	PICK UP 4.75 BIT, MUD MOTOR, AND DIRECTIONAL TOOLS AND ORIENT.
3/21/2011	06:00 - 09:00	3.00	TRP	2	TRIP IN HOLE WITH DIRECTIONAL TOOLS
	09:00 - 11:00	2.00	SUR	1	PJSM AND RIG UP GYRO AND HANG SHEEVES, AND PUMP IN SUB
	11:00 - 14:00	3.00	DRL	2	DIRECTIONAL DRILL FROM 4754 TO 4783. 29 FT. = 9.6 FPH.
	14:00 - 18:00	4.00	SUR	1	CONNECTION AND SURVEY AND RESYNC GRYO MANY TIMES.

## Operations Summary Report

Well Name: RB DS FED 1G-7-10-18  
 Location: 7- 10-S 18-E 26  
 Rig Name: BASIN WELL SERVICE

Spud Date: 12/11/2004  
 Rig Release: 5/20/2011  
 Rig Number: 3

Date	From - To	Hours	Code	Sub Code	Description of Operations
3/21/2011	18:00 - 01:00	7.00	DRL	2	DIRECTIONAL DRILL FROM 4783 TO 4850, = 67 FT.= 9.5 FPH. SLIDING WITH 140 GPM, 8-10 K ON BIT, 1.2 RPG. DRILLING WITH 140 GPM, 8 K ON BIT, 40 RPM ON TOP DRIVE, 1.2 GPR ON MOTOR
	01:00 - 02:00	1.00	SUR	1	PULL OUT GYRO TOOL AND RIG DOWN TRUCK.
	02:00 - 04:00	2.00	DRL	2	DIRECTIONAL DRILL FROM 4850 TO 4880 = 30 FT. = 15 FPH
	04:00 - 06:00	2.00	SUR	1	CONNECTION AND SURVEYS AND RESYNC GYRO TOOL.
3/22/2011	06:00 - 06:00 - 17:00	11.00	DRL	2	FOOTAGE = 115 = 68% FOOTAGE SLIDING, 75% TIME SLIDING DRILL FROM 4880 TO 5003. = 123 FT. = 11.18 FT/HR. ROTATING 40 RPM, 140 GPM PUMP, 12-14 K ON BIT, 1.2 GPR ON A 2.0 DEGREE BEND MUD MOTOR. SLIDING WITH 10-12 K ON BIT, 140 GPM.
	17:00 - 17:30	0.50	RIG	1	RIG SERVICE
	17:30 - 04:00	10.50	DRL	2	DRILL FROM 5003 TO 5130.= 127 FT. = 12 FT/HR
3/23/2011	04:00 - 06:00	2.00	SUR	1	SURVEYS AND CONNECTIONS
	06:00 - 09:30	3.50	DRL	2	DRILL FROM 5130 TO 5189. = 59 FT. = 16.8 FT./ HR
	09:30 - 10:00	0.50	CIRC	1	CIRCULATE AND PUMP TRIP PILL
	10:00 - 13:00	3.00	TRP	10	TRIP OUT OF HOLE FOR BIT
	13:00 - 14:00	1.00	TRP	1	REMOVE MWD TOOL AND LAY DOWN MUD MOTOR AND BIT
	14:00 - 15:30	1.50	TRP	1	MAKE UP BIT # 4 AND MUD MOTOR AND ORIENT TOOLS.
	15:30 - 19:30	4.00	TRP	10	TRIP IN HOLE AND SAFTEY WASH 90 FT. TO BOTTOM
	19:30 - 00:30	5.00	DRL	2	DIRECTIONAL DRILL FROM 5189 TO 5248.= 59 FT.= 11.8 FT./ HR ROTATE W / 40 RPM, 140 GPM, 1.2 RPG, 1.69 DEGREE MUD MOTOR, 10-12 K WT. SLIDE W/ 140 GPM, 12-16 WT. ON BIT MOTOR NOT GIVING ANY YEILD ON SLIDES
3/24/2011	00:30 - 01:30	1.00	CIRC	1	CIRCULATE AND PUMP TRIP PILL.
	01:30 - 03:30	2.00	TRP	12	TRIP FOR MOTOR
	03:30 - 05:00	1.50	TRP	1	CHANGE MOTORS AND ORIENT
	05:00 - 06:00	1.00	TRP	2	TRIP IN WITH 2 DEGREE MOTOR
	06:00 - 06:00 - 07:30	1.50	TRP	1	SLID = 46% OF FOOTAGE, 58% OF TIME TRIP IN THE HOLE
	07:30 - 08:00	0.50	CIRC	1	FILL PIPE AND SINC IN TOOLS
	08:00 - 12:30	4.50	DRL	2	DIRECTIONAL DRILL FROM 5248 TO 5309 FEET ENTERED ZONE @ 5295 M.D. FEET TVD=5102.7 FEET
	12:30 - 13:00	0.50	RIG	1	RIG SERVICE AND CHANGE OUT SAVER SUB
	13:00 - 17:00	4.00	DRL	2	DIRECTIONAL DRILL FROM 5309 FT TO 5367 FEET
	17:00 - 18:00	1.00	SUR	1	CONNECTIONS & SURVEYS
3/25/2011	18:00 - 03:00	9.00	DRL	2	DIRECTIONAL DRILL FROM 5367 FT TO 5498 131' 14.5"/HR BIT WT=10/12K RPM=200, SPM=90 @ 140 GPM
	03:00 - 06:00	3.00	TRP	10	TRIP OUT FOR BIT,MOTOR,& PUSH PIPE
	06:00 - 08:00	2.00	TRP	2	TRIP OUT FOR BIT,MOTOR,& PUSH PIPE
	08:00 - 09:00	1.00	TRP	1	CHANGE OUT MOTOR,BIT AND FLEX MONELS. ORIENT AND TEST TOOLS FUNTION BOP'S
	09:00 - 12:00	3.00	TRP	2	TRIP IN HOLE WITH BIT #5 TO CASING SHOE
	12:00 - 13:30	1.50	RIG	6	CUT DRILLING LINE AND RIG SERVICE
	13:30 - 14:00	0.50	TRP	2	TRIP IN HOLE WITH BIT #5

## Operations Summary Report

Well Name: RB DS FED 1G-7-10-18

Location: 7- 10-S 18-E 26

Rig Name: BASIN WELL SERVICE

Spud Date: 12/11/2004

Rig Release: 5/20/2011

Rig Number: 3

Date	From - To	Hours	Code	Sub Code	Description of Operations
3/25/2011	14:00 - 14:30	0.50	REAM	1	WASH 50' TO BOTTOM, NO FILL
	14:30 - 05:00	14.50	DRL	2	DIRECTIONAL DRILL F/5498 T/5715 217' 14.9'/HR WOB 14 RPM 235 GPM 140
3/26/2011	05:00 - 06:00	1.00	SUR	1	CONNECTIONS & SURVEYS
	06:00 - 17:00	11.00	DRL	2	DIRECTIONAL DRILL F/5715 T/ 5918 =203 FEET = 18 FPR 231 RPM BIT WT= 14/15 K 140 GPM
	17:00 - 18:00	1.00	SUR	1	CONNECTIONS & SURVEYS
	18:00 - 21:00	3.00	DRL	2	DIRECTIONAL DRILL FROM 5918 FEET TO 5982 FT 64' 21.3'/HR WOB 14/15 RPM 235 GPM 140
	21:00 - 22:30	1.50	OTH		RIG UP SWEDGES TO CIRC HOLE
	22:30 - 04:30	6.00	RIG	2	RIG REPAIR- RIG DOWN TOP DRIVE (CRACK IN QUILL SUB ) LOAD TOP DRIVE AND POWER UNIT AND SEND TO AZTEC YARD
3/27/2011	04:30 - 06:00	1.50	TRP	14	TRIP OUT TO THE SHOE
	06:00 - 07:00	1.00	OTH		MONITOR WELL,BUILD AND PUMP TRIP SLUG
	07:00 - 10:00	3.00	TRP	13	TRIP OUT OF HOLE
	10:00 - 11:30	1.50	TRP	1	CHANGE OUT MOTOR AND BIT, ORIENT AND TEST TOOLS
	11:30 - 15:30	4.00	TRP	13	TRIP IN HOLE TO WINDOW /PICK UP ADJITATOR TRIP IN TO THE WINDOW
3/28/2011	15:30 - 06:00	14.50	RIG	2	WAIT ON TOP DRIVE TO BE REPAIRED
	06:00 - 16:30	10.50	RIG	2	WAIT ON TOP DRIVE TO BE REPAIRED ARRIVED ON LOCATION @ 11:00, RIGGED UP TOP DRIVE AND TESTED TO 16:30 HRS.
	16:30 - 17:00	0.50	TRP	13	TRIP IN HOLE
	17:00 - 22:00	5.00	REAM	1	WASH & REAM FROM 4875 TO 5982
	22:00 - 05:00	7.00	DRL	2	DIRECTIONAL DRILL FROM 5982 FT TO 6129 BIT WT = 6/8K RPM=235 GPM=140 =147FT @21 FPR
3/29/2011	05:00 - 06:00	1.00	SUR	1	CONNECTIONS & SURVEYS
	06:00 - 15:00	9.00	DRL	2	DIRECTIONAL DRILL F/6129 T/6382 253' 28.1'/HR WOB 10/12 RPM 250 GPM 155
	15:00 - 15:30	0.50	RIG	1	RIG SERVICE
	15:30 - 03:00	11.50	DRL	1	DIRECTIONAL DRILL F/6382 T/ 6728 346' 30.1'/HR WOB 10/12 RPM 250 GPM 155
	03:00 - 06:00	3.00	TRP	14	SHORT TRIP FROM 6728 FT TO 5970 FEET BACK REAM /6724 T/6535
3/30/2011	06:00 - 18:30	12.50	DRL	2	REAM F/6450 T/BOTTOM DIRECTIONAL DRILL F/6728 T/6940 212' 17.0'/HR BIT WT 10 TO 12 K RPM= 250 GPM 155
	18:30 - 00:00	5.50	TRP	10	TRIP OUT FOR BIT & MOTOR
	00:00 - 01:30	1.50	TRP	1	CHANGE OUT BIT & MOTOR AND SCRIB MWD TOOLS
	01:30 - 06:00	4.50	TRP	10	TRIP IN THE HOLE TEST MWD TOOLS@ 1279 FEET & PICK UP AGITATOR,SHOCK SUB
					REAM F/5840 T/6000 TIGHT @ 5850'
3/31/2011	06:00 - 06:30	0.50	REAM	1	TRIP IN HOLE WITH BIT #7
	06:30 - 07:00	0.50	DRL	1	WASH F/6792 T/BOTTOM, 148' (RE-CHECK GAMMA)
	07:00 - 08:30	1.50	REAM	1	DIRECTIONAL DRILL F/6940 T/7041 101' @ 20.2'/HR
	08:30 - 13:30	5.00	DRL	2	WOB 6/7 RPM 250 GPM 155
	13:30 - 14:00	0.50	RIG	1	RIG SERVICE
4/1/2011	14:00 - 05:00	15.00	DRL	2	DIRECTIONAL DRILL F/7041 T/7454 413 27.5'/HR BIT WT=6/8000 RPM=250 @ 155GPM
	05:00 - 06:00	1.00	SUR	1	CONNECTIONS & SURVEYS
	06:00 - 12:00	6.00	DRL	2	DIRECTIONAL DRILL F/7454 T/7609 155' 25.8'/HR WOB 5/6 RPM 250 GPM 155
	12:00 - 12:30	0.50	OTH		INVESTAGATR PUMP PRESSURE PROBLEMS. SEEMS TO BE MUD MOTOR LOCKING UP

## Operations Summary Report

Well Name: RB DS FED 1G-7-10-18

Location: 7- 10-S 18-E 26

Rig Name: BASIN WELL SERVICE

Spud Date: 12/11/2004

Rig Release: 5/20/2011

Rig Number: 3

Date	From - To	Hours	Code	Sub Code	Description of Operations
4/1/2011	12:30 - 18:00	5.50	TRP	12	TRIP OUT OF HOLE FOR MUD MOTOR
	18:00 - 19:00	1.00	TRP	1	LAY DOWN MOTOR LAY DOWN DIRECTIONAL TOOLS
	19:00 - 21:00	2.00	RIG	6	CUT DRILLING LINE AND RIG SERVICE
	21:00 - 22:30	1.50	OTH		WAIT ON MILLS
	22:30 - 02:00	3.50	FISH	1	MAKE UP MILL & JUNK BASKET AND TRIP IN THE HOLE
	02:00 - 02:30	0.50	REAM	1	WASH AND REAM FROM 7462 TO 7609 FEET (147 FEET)
4/2/2011	02:30 - 06:00	3.50	FISH	1	MILL ON JUNK FROM 7609 TO 7613 FEET
	06:00 - 09:00	3.00	TRP	2	TRIP OUT OF HOLE WITH MILL
	09:00 - 10:00	1.00	TRP	1	LAY DOWN MILL AND JUNK SUB- PICK UP DIRECTIONAL TOOLS,MOTOR AND BIT ORIENT AND TEST
	10:00 - 14:30	4.50	TRP	2	TRIP IN HOLE WITH BIT #9
	14:30 - 15:30	1.00	REAM	1	WASH AND REAM F/7487 T/BOTTOM 126'
	15:30 - 05:00	13.50	DRL	2	DIRECTIONAL DRILL F/7613 T/7834 221' 16.4'/HR WOB 12 RPM 235 GPM 140
4/3/2011	05:00 - 06:00	1.00	SUR	1	SURVEYS & CONNECTIONS
	06:00 - 16:30	10.50	DRL	2	DIRECTIONAL DRILL F/7834 T/8017 183' 17.4'/HR WOB 12 GPM 140 RPM 235
	16:30 - 17:00	0.50	RIG	1	RIG SERVICE
	17:00 - 17:30	0.50	SUR	1	SURVEYS AND CONNECTIONS
	17:30 - 05:00	11.50	DRL	2	DIRECTIONAL DRILL F/8017 T/8213 196' 17.1'/HR WOB 12 GPM 140 RPM 235
	05:00 - 06:00	1.00	SUR	1	CONNECTIONS & SURVEYS
4/4/2011	06:00 - 07:30	1.50	DRL	1	DIRE3CTIONAL DRILL F/8213 T/8232 19' 12.6'/HR WOB 12 GPM 140 RPM 236
	07:30 - 12:30	5.00	TRP	10	TRIP OUT OF HOLE FOR BIT
	12:30 - 14:00	1.50	TRP	1	CAHNGE OUT BIT AND MOTOR , ORIENT AND TEST TOOLS
	14:00 - 14:30	0.50	RIG	1	SERVICE TOP DRIVE
	14:30 - 19:00	4.50	TRP	10	TRIP IN HOLE WITH BIT #10
	19:00 - 21:00	2.00	REAM	1	REAM FROM 7610 TO 8232 FEET 640'
4/5/2011	21:00 - 06:00	9.00	DRL	2	DIRECTIONAL DRILL ROM 8232 FEET TO 8686 @ 140 GPM RPM=208 BIT WT= 7/9000 FT=454 FOR 56.7 FPR
	06:00 - 14:00	8.00	DRL	2	DIRECTIONAL DRILL F/8686 T/9123 437' 54.6'/HR WOB 8/10 RPM 200 GPM 140
	14:00 - 14:30	0.50	RIG	1	RIG ASERVICE
	14:30 - 18:00	3.50	DRL	2	DIRECTIONAL DRILL F/9123 T/9311=188 ft 53.7 FPR BIT WT= 8/10 RPM= 200 GPM= 140
	18:00 - 19:30	1.50	CIRC	1	CIRC & COND MUD CIRC HIGH VIS SWEEPS
	19:30 - 21:30	2.00	REAM	1	BACK REAM FROM 9311 TO 8550 FEET
4/6/2011	21:30 - 02:00	4.50	TRP	2	PUMP TRIP SLUG AND TRIP FOR REAMING ASSEMBLY STRAP PIPE (NO CORRECTION)
	02:00 - 04:00	2.00	TRP	1	LAY DOWN DIRECTIONAL TOOLS & PICK UP ECCENTRIC REAMING ASSEMBLY
	04:00 - 06:00	2.00	TRP	2	TRIP IN THE HOLE
	06:00 - 06:30	0.50	RIG	8	CHANGE OUT SWIVLE PACKING
	06:30 - 07:00	0.50	TRP	2	TRIP IN HOLE TO WINDOW
	07:00 - 08:00	1.00	CIRC	1	CIRCULTE BOTTOMS UP @ WINDOW, WORK REAMERS THROUGH WINDOW
4/7/2011	08:00 - 15:30	7.50	REAM	1	REAM WITH ECCENTRIC REAMERS F/4862 T/6084 1222' 162'/HR WOB 2/4 RPM 85 GPM 170
	15:30 - 16:00	0.50	RIG	1	RIG SERVICE
	16:00 - 06:00	14.00	REAM	1	REAM WITH ECCENTRIC REAMERS F/6084 T/7960 1876' 134'/HR
	06:00 - 18:00	12.00	REAM	1	REAM WITH ECCENTRIC REAMERS F/7960 T/ 9308, BOP DRILL
	18:00 - 19:30	1.50	CIRC	1	CIRCULATE AN PUMP WEIGHTED PILL TO SURFACE.

## Operations Summary Report

Well Name: RB DS FED 1G-7-10-18

Location: 7- 10-S 18-E 26

Rig Name: BASIN WELL SERVICE

Spud Date: 12/11/2004

Rig Release: 5/20/2011

Rig Number: 3

Date	From - To	Hours	Code	Sub Code	Description of Operations
4/7/2011	18:00 - 19:30	1.50	CIRC	1	SHORT TRIP TO 4680. TIGHT SPOT @ 7710 - 7720. CUT DRILLING LINE RIG SERVICE AND TRIP BOP DRILL
	19:30 - 23:00	3.50	TRP	14	
	23:00 - 00:00	1.00	RIG	6	
	00:00 - 00:30	0.50	RIG	1	
4/8/2011	00:30 - 03:30	3.00	TRP	14	TRIP IN HOLE
	03:30 - 04:30	1.00	REAM	1	WASH 250 FT. TO BOTTOM
	04:30 - 06:00	1.50	CIRC	1	CIRCULATE AND PUMP SWEEPS.
	06:00 - 07:00	1.00	CIRC	1	CIRCULATE AND SPOT BEADS ON BOTTOM
4/9/2011	07:00 - 09:30	2.50	TRP	2	TRIP OUT OF HOLE AND STRAP PIPE
	09:30 - 10:00	0.50	CIRC	1	SPOT BEADS AT 7000 FT.
	10:00 - 14:30	4.50	TRP	2	TRIP OUT AND LAY DOWN REAMING TOOLS.
	14:30 - 16:00	1.50	CSG	1	PJSM AND RIG DOWN FLOOR AND RIG UP CASING CREW.
4/9/2011	16:00 - 02:00	10.00	CSG	2	TEST TORQUE AND PICK UP LINER. LINER WT. 45 K.
	02:00 - 03:00	1.00	CSG	1	RIG DOWN CASING CREW.
	03:00 - 06:00	3.00	TRP	2	PICK UP DC'S AND TIH W / LINER
	06:00 - 08:30	2.50	CSG	4	TRIP IN HOLE W / LINER
4/9/2011	08:30 - 09:30	1.00	DEQ	2	PJSM AND RIG UP HALLIBURTON
	09:30 - 13:30	4.00	DEQ	2	PUMP AND DROP BALL TO DEPLOY PACKERS BACK OFF, TOP OF LINER AT 4704, BOTTOM AT 9256, TEST PACKER TO 3000 PSI
	13:30 - 14:00	0.50	CIRC	1	FILL HOLE AND CIRCULATE W / KCL WATER
	14:00 - 14:30	0.50	CSG	4	RIG DOWN HALLIBURTON
4/9/2011	14:30 - 15:00	0.50	CSG	1	PJSM AND RIG UP CASING CREW TO LAY DOW DRILL PIPE
	15:00 - 19:00	4.00	TRP	3	LAY DOWN DRILL PIPE AND DC'S RUN IN 20 STDS AT TIME FROM DERRICK
	19:00 - 19:30	0.50	RIG	1	RIG SERVICE
	19:30 - 21:00	1.50	TRP	3	LAY DOWN DP
4/9/2011	21:00 - 22:00	1.00	TRP	3	TRIP OUT TO DC'S
	22:00 - 00:00	2.00	TRP	3	LAY DOWN DC'S
	00:00 - 01:00	1.00	TRP	1	RIG DOWN LAY DOWN CREW
	01:00 - 03:30	2.50	DEQ	1	PJSM, RIG UP WIR LINE TRUCK AND SET RETRIVABLE BRIDGE PLUG @ 4680FT.
4/9/2011	03:30 - 06:00	2.50	BOP	2	RIG UP TESTER AND TEST BOPE.
	06:00 -				NOTIFIED CADE TAYLOR WITH BLM OF PRESSURE TEST BY PHONE AND E-MAIL AT 14:00 HRS ON 4/8/2011
	06:00 - 07:30	1.50	BOP	2	TEST BOPE. TESTED PIPE RAMS, BLIND RAMS, HCR VALVE, CHOKE LINE, DART VALVE, CHOKE MANIFOLD, LOWER KELLY COCK VALVE, SAFETY VALVE TO 250 PSI LOW PRESSURE, AND 3000 PSI HIGH PRESSURE.
	07:30 - 09:30	2.00	TRP	1	TESTED HYDRILL TO 250 PSI LOW, AND 1500 PSI HIGH PRESSURE.
4/10/2011	09:30 - 13:00	3.50	TRP	2	PICK UP AND MAKE UP WHIPSTOCK AND ORIENT TOOLS.
	13:00 - 15:30	2.50	LOG	4	TRIP IN WITH WHIPSTOCK AND MILL. PJSM, RIG UP AND RUN WIRE LINE, GYRO AND

## Operations Summary Report

Well Name: RB DS FED 1G-7-10-18

Location: 7- 10-S 18-E 26

Rig Name: BASIN WELL SERVICE

Spud Date: 12/11/2004

Rig Release: 5/20/2011

Rig Number: 3

Date	From - To	Hours	Code	Sub Code	Description of Operations
4/10/2011	13:00 - 15:30	2.50	LOG	4	SET WHIPSTOCK @ 4664 FT. = 29.0 AZI.
	15:30 - 21:00	5.50	DRL	1	MILL WINDOW @ 4664 TO 4675 FT. TOP OF WINDOW IS 4664. BOTTOM OF WINDOW IS 4669.
4/11/2011	21:00 - 22:00	1.00	REAM	1	REAM WINDOW AND PUMP 2 HIGH VIS SWEEPS
	22:00 - 06:00	8.00	TRP	2	TRIP OUT OF HOLE AND INSPECT BHA.
	06:00 - 08:30	2.50	TRP	1	PICK UP AND ORIENT DIRECTIONAL TOOLS
	08:30 - 09:30	1.00	TRP	2	TRIP IN HOLE WITH BIT, MUD MOTOR.
	09:30 - 10:00	0.50	CIRC	1	FILL PIPE AND TEST TOOLS. TOOLS PRESSURED UP.
	10:00 - 11:00	1.00	TRP	13	TRIP OUT FOR PLUGGED TOOLS.
	11:00 - 12:30	1.50	OTH		UNPLUG BHA, SAWDUST FROM BHA INSPECTION
	12:30 - 13:00	0.50	DRL	3	ORIENT DIRECTIONAL TOOLS
	13:00 - 15:30	2.50	TRP	13	TRIP IN WITH BIT AND MUD MOTOR
	15:30 - 16:00	0.50	RIG	6	CUT DRILLING LINE.
	16:00 - 16:30	0.50	RIG	1	RIG SERVICE
	16:30 - 17:00	0.50	TRP	2	TRIP IN TO TOP OF WINDOW.
	17:00 - 19:00	2.00	DRL	3	PJSM, RIG UP WIRE LINE TRUCK AND GYRO TO SET TOOL FACE AT WHIPSTOCK.
	19:00 - 04:00	9.00	DRL	2	DIRECTIONAL DRILL FROM 4675 TO 4725 = 50 FT. = 5.6 FPH SLIDING W / 5-15 K, 130 GPM, 1.2 RPG, W / 2.0 DEGREE BEND ON MUD MOTOR.
4/12/2011	04:00 - 06:00	2.00	SUR	1	CONNECTIONS, GYRO AND RESYNC WIRE LINE.
	06:00 - 06:00				100% OF FOOTAGE WAS SLIDING
	06:00 - 15:30	9.50	DRL	2	DIRECTIONAL DRILL FROM 4725 TO 4788 = 63 FT = 7 FPH ROTATING 40 RPM, 12 K ON BIT, 140 GPM, 1.2 RPG ON A 2 DEGREE BENT MUD MOTOR, SLIDING W / 8-15 K ON BIT
	15:30 - 16:00	0.50	RIG	1	RIG SERVICE
	16:00 - 17:00	1.00	DRL	2	DIRECTIONAL DRILL FROM 4788 TO 4855, = 67 FT. = 67 FPH.
4/13/2011	17:00 - 18:00	1.00	SUR	1	CONNECTIONS AND SURVEYS
	18:00 - 05:00	11.00	DRL	2	DIRECTIONAL DRILL FROM 4855 TO 5000 FT. = 145 FT. = 13.1 FT/ H
	05:00 - 06:00	1.00	SUR	1	SURVEYS AND CONNECTIONS.
	06:00 - 13:00	7.00	DRL	2	DIRECTIONAL DRILL FROM 5000 TO 5076 76 FT. = 10.85 FT. / HR.
	13:00 - 14:00	1.00	CIRC	1	CIRCULATE AND CLEAN HOLE FOR TRIP
	14:00 - 16:30	2.50	TRP	2	TRIP OUT OF HOLE FOR BIT
	16:30 - 17:00	0.50	TRP	2	CHANGE OUT BIT AND CHECK MWD.
	17:00 - 19:30	2.50	TRP	2	TRIP IN HOLE
	19:30 - 20:00	0.50	REAM	1	WASH 40 FT. TO BOTTOM AND PUMP HIGH VIS SWEEP TO CLEAN BOTTOM OF HOLE
	20:00 - 21:30	1.50	DRL	3	DIRECTIONAL DRILL FROM 5076 TO 5088. 12 FT. = 8 FT. / HR. SLIDE DRILLING WITH 90 SPM, 140 GPM, 8 - 15 K ON BIT, 1.2 GPR

## Operations Summary Report

Well Name: RB DS FED 1G-7-10-18  
 Location: 7- 10-S 18-E 26  
 Rig Name: BASIN WELL SERVICE

Spud Date: 12/11/2004  
 Rig Release: 5/20/2011  
 Rig Number: 3

Date	From - To	Hours	Code	Sub Code	Description of Operations
4/13/2011	20:00 - 21:30	1.50	DRL	3	2 DEGREE BENT MOTOR. WHEN ROTATING 40 RPM ON TOP DRIVE.
	21:30 - 23:00	1.50	CIRC	1	CIRCULATE AND PUMP 20 BBL SWEEP, WORK PIPE AND RESYNC MWD.
	23:00 - 02:30	3.50	DRL	2	DIRECTIONAL DRILL FROM 5088 TO 5127. 39 FT. = 11.14 FT. / HR. HOLE ANGLE DROPPED FROM 48 DEGREES TO 42.3 DEGREES
	02:30 - 03:00	0.50	CIRC	1	CIRCULATE AND PUMP DRY JOB.
	03:00 - 05:30	2.50	TRP	12	TRIP OUT OF HOLE TO CHECK BHA
	05:30 - 06:00	0.50	TRP	1	WORK BHA
4/14/2011	06:00 - 07:00	1.00	DRL	3	ORIENT TOOLS
	07:00 - 10:00	3.00	TRP	2	TRIP IN HOLE
	10:00 - 11:00	1.00	REAM	1	WASH 60 FT. TO BOTTOM AND CHECK SHOT
	11:00 - 11:30	0.50	DRL	2	DIRECTIONAL DRILL FROM 5127 TO 5128.
	11:30 - 15:00	3.50	TRP	2	TRIP OUT OF HOLE TO CHANGE MWD TOOL.
	15:00 - 15:30	0.50	DRL	3	CHANGE AND ORIENT MWD TOOL.
	15:30 - 16:00	0.50	RIG	1	RIG SERVICE
	16:00 - 19:00	3.00	TRP	2	TRIP IN HOLE
4/15/2011	19:00 - 19:30	0.50	REAM	1	WASH 60 FT. TO BOTTOM AND CHECK SHOT.
	19:30 - 05:00	9.50	DRL	2	DIRECTIONAL DRILL FROM 5128 TO 5230 SLIDE DRILLING, 90 SPM ON PUMPS, 140 GPM, 8-15 K ON BIT, WITH A 1.2 RPG, 2 DEGREE BENT MUD MOTOR., MOTOR NOT GIVING NEEDED YIELD
	05:00 - 06:00	1.00	SUR	1	CONNECTIONS AND SURVEYS
	06:00 - 08:00	2.00	DRL	2	DIRECTIONAL DRILL FROM 5230 TO 5253. 23 FT. = 11.5 FT. / HR. SLIDE DRILLING WITH 140 GPR, 8-15 K WEIRHT, 1.2 RPG MUD MOTOR WITH A 2 DEGREE BEND
	08:00 - 11:30	3.50	WOT	2	WAIT ON ORDERS
	11:30 - 05:00	17.50	DRL	2	DIRECTIONAL DRILL FROM 5253 TO 5380 127 FT. = 7.25 FT. / HR
	05:00 - 06:00	1.00	SUR	1	SURVEYS AND CONNECTIONS
	06:00 - 10:30	4.50	DRL	2	DIRECTIONAL DRILL FROM 5380 TO 5412. 32 FT. = 7.11 FT. / HR
	10:30 - 14:00	3.50	TRP	2	TRIP OUT OF HOLE.
	14:00 - 15:00	1.00	TRP	1	CHANGE OUT BIT AND MUD MOTOR ORIENT TOOLS.
4/16/2011	15:00 - 18:30	3.50	TRP	2	TRIP IN HOLE
	18:30 - 19:00	0.50	REAM	1	WASH 60 FT. TO BOTTOM AND SURVEY
	19:00 - 05:00	10.00	DRL	2	DIRECTIONAL DRILL FROM 5412 TO 5669. ROTATE 40 RPM ON TOP DRIVE, 6-8 K WT. 140 GPM, 1.2 RPG ON A 1.69 BENT MOTOR, 257 FT/HR
	05:00 - 06:00	1.00	SUR	1	SURVEYS AND CONNECTIONS
	06:00 - 17:00	11.00	DRL	2	DIRECTIONAL DRILL FROM 5669 TO 5792. 123 FT. = 11.18 FT. / HR. SLIDE WITH 8-15 K ON BIT, 140 GPM, 1.2 RPG WITH 1.69 BENT MUD MOTOR
	17:00 - 17:30	0.50	RIG	1	RIG SERVICE

## Operations Summary Report

Well Name: RB DS FED 1G-7-10-18

Location: 7- 10-S 18-E 26

Rig Name: BASIN WELL SERVICE

Spud Date: 12/11/2004

Rig Release: 5/20/2011

Rig Number: 3

Date	From - To	Hours	Code	Sub Code	Description of Operations
4/17/2011	17:30 - 21:00	3.50	DRL	2	DIRECTIONAL DRILL FROM 5792 TO 5855. 63 FT. = 18 FT. / HR
	21:00 - 21:30	0.50	CIRC	1	CIRCULATE SAMPLES AT 5855. WE ARE IN BOTTOM OF ZONE.
	21:30 - 04:00	6.50	DRL	2	DIRECTIONAL DRILL FROM 5855 TO 5925. 70 FT. = 8.2 FT. / HR
4/18/2011	04:00 - 06:00	2.00	SUR	1	CONNECTIONS AND SURVEYS
	06:00 - 09:00	3.00	DRL	2	DIRECTIONAL DRILL FROM 5925 TO 6012. 87 FT. = 29 FT. / HR.
	09:00 - 11:00	2.00	TRP	14	ROTATE W / 40 RPM, 140 GPM, 6 - 12 K WT., 1.2 RPG M / 1.69 DEGREE BENT MOTOR SHORT TRIP TO 5400 FT., TIGHT AND BACK REAMED @ 5846 TO 5839.
	11:00 - 13:30	2.50	DRL	2	DIRECTIONAL DRILL FROM 6012 TO 6093. 81 FT. = 32.4 FT. / HR.
	13:30 - 14:00	0.50	CIRC	7	CIRCULATE SAMPLES.
	14:00 - 17:30	3.50	DRL	2	DIRECTIONAL DRILL FROM 6093 TO 6139. 46 FT. = 13.14 FT. / HR.
	17:30 - 18:00	0.50	RIG	1	RIG SERVICE
	18:00 - 02:00	8.00	DRL	2	DIRECTIONAL DRILL FROM 6139 TO 6330 191 FT. = 23.8 FT. / HR
	02:00 - 04:00	2.00	SUR	1	CONNECTIONS AND SURVEYS
	04:00 - 05:00	1.00	DRL	2	DIRECTIONAL DRILL FROM 6330 TO 6424
4/19/2011	05:00 - 06:00	1.00	TRP	10	TRIP FOR BIT
	06:00 - 09:30	3.50	TRP	2	TRIP OUT FOR BIT AND MOTOR
	09:30 - 10:00	0.50	TRP	1	PICK UP MOTOR BIT & ORIENT TOOLS.
	10:00 - 14:00	4.00	TRP	2	TRIP IN HOLE
	14:00 - 23:00	9.00	DRL	2	DIRECTIONAL DRILL FROM 6423 TO 6770. 347 FT. = 38.55 FT. / HR.
	23:00 - 01:00	2.00	SUR	1	DRILL W / 40 RPM, 140 GPM, 8-10 K ON BIT, 1.2 RPG, 1.69 DEGREE MUD MOTOR
	01:00 - 06:00	5.00	DRL	2	CONNECTIONS, SURVEY, AND RELOG GAMMA. DIRECTIONAL DRILL FROM 6770 TO 7046 276 FT. = 56 FT. / HR
	06:00 - 07:00	1.00	TRP	14	SHORT TRIP TO 6400 FT. FROM 7043.
4/20/2011	07:00 - 22:00	15.00	DRL	2	DIRECTIONAL DRILL FROM 7043 TO 7612 569 FT. = 37.9 FT. / HR
	22:00 - 23:30	1.50	TRP	14	ROTATE 40 RPM, 140 GPM, 5-15 K ON BIT, W / 1.2 GPR, 1.69 BENT MUD MOTOR. SHORT TRIP TO 7000 FT.
	23:30 - 01:00	1.50	OTH		TIGHT AT 7410 AND 7200
	01:00 - 01:30	0.50	DRL	1	RELOG GAMMA FROM 7520 TO 7612 DIRECTIONAL DRILL FROM 7612 TO 7613.
	01:30 - 05:30	4.00	TRP	12	NO DIFFERENTIAL PRESSURE. TRIP OUT FOR MUD MOTOR
	05:30 - 06:00	0.50	TRP	1	LAY DOWN BHA
	06:00 - 07:00	1.00	TRP	1	PICK UP NEW MOTOR AND BIT, ORIENT AND TEST TOOLS
4/21/2011	07:00 - 08:00	1.00	RIG	1	RIG SERVICE, CHANGE OUT PIPE SPINNERS AND ROTATING RUBER
	08:00 - 10:00	2.00	TRP	12	TRIP IN HOLE WITH WITH BIT #17 TO SHOE
	10:00 - 11:00	1.00	RIG	6	CUT DRILLING LINE, SLIP ON NEW SPOOL

## Operations Summary Report

Well Name: RB DS FED 1G-7-10-18

Location: 7- 10-S 18-E 26

Rig Name: BASIN WELL SERVICE

Spud Date: 12/11/2004

Rig Release: 5/20/2011

Rig Number: 3

Date	From - To	Hours	Code	Sub Code	Description of Operations
4/21/2011	11:00 - 14:30	3.50	TRP	12	TRIP IN HOLE, TIGHT SPOTS @ 5220', 5840', AND 6115'
	14:30 - 16:30	2.00	REAM	1	WASH AND REAM F/7390 T/7492(102') AND RELOG HOLE F/7492 T/7613
	16:30 - 21:00	4.50	DRL	2	DIRECTIONAL DRILL F/7613 T/ 7777
	21:00 - 22:00	1.00	OTH		WORK PIPE & TROUBLE SHOOT MWD TOOLS
	22:00 - 05:00	7.00	DRL	2	DIRECTIONAL DRILL FROM 7777 TO 8060 283' 40.4'/HE WOB 8/10 RPM 266 GPM 140
4/22/2011	05:00 - 06:00	1.00	SUR	1	CONNECTIONS & SURVEYS
	06:00 - 07:30	1.50	DRL	2	DIRECTIONAL DRILL F/8060 T/8092
	07:30 - 08:30	1.00	CIRC	1	CIRCULATE SAMPLES UP
	08:30 - 17:00	8.50	DRL	1	DIRECTIONAL DRILL F/8092 T/8375 283' 33.3'/HR WOB 8/10 GPM 140 RPM 260
	17:00 - 18:00	1.00	SUR	1	SURVEY & CONNECTIONS
4/23/2011	18:00 - 21:30	3.50	TRP	12	TRIP OUT FOR MUD MOTOR, BACK REAM F/8375 T/8016
	21:30 - 02:00	4.50	TRP	12	WORK TIGHT HOLE FROM 8016 TO 8005 FEET
	02:00 - 06:00	4.00	TRP	12	TRIP OUT OF HOLE FOR MUD MOTOR
	06:00 - 09:30	3.50	TRP	12	TRIP OUT OF HOLE FOR MOTOR
	09:30 - 10:30	1.00	TRP	1	LAY DOWN MOTOR AND DIRECTIONAL TOOLS, PICK UP ECCENTRIC REAMING ASSEMBLY
4/24/2011	10:30 - 13:00	2.50	TRP	2	TRIP IN HOLE WITH ECCENTRIC REAMING ASSEMBLY TO 4750'
	13:00 - 06:00	17.00	REAM	1	REAMING WITH ECCENTRIC REAMER F/4750 T/6650 1900' 111'/HR WOB 0/3 ROM 80/85 GPM 160
	06:00 - 09:30	3.50	REAM	1	REAM WITH ECCENTRIC REAMERS F/6650 T/7035 385' 110'/HR WOB 0/3 GPM 260 RPM 85
	09:30 - 10:00	0.50	RIG	1	RIG SERVICE
	10:00 - 21:30	11.50	REAM	1	REAM WITH ECCENTRIC REAMERS F/7035 T/8375 1340' 116.5'/HR WOB 0/3 RPM 85 GPM 160
4/25/2011	21:30 - 23:00	1.50	CIRC	1	CIRCULATE AND CONDITION HOLE FOR TRIP, PUMP 2 WEIGHTED SWEEPS AND SPOT 30 BBLS OF BEADS
	23:00 - 01:00	2.00	TRP	2	TRIP OUT OF HOLE FOR DIRECTIONAL TOOLS TO 5800', HOLE IN GOOD SHAPE, 20-40K MAX DRAG
	01:00 - 01:30	0.50	CIRC	1	PUMP AROUND WEIGHTED SWEEP
	01:30 - 02:30	1.00	TRP	2	TRIP OUT TO SHOE
	02:30 - 03:00	0.50	CIRC	1	MIX AND PUMP SLUG
	03:00 - 05:30	2.50	TRP	2	TRIP OUT OF HOLE
	05:30 - 06:00	0.50	TRP	1	LAY DOWN REAMER ASSEMBLY, PICK UP DIRECTIONAL TOOLS
	06:00 - 06:30	0.50	TRP	1	PICK UP DIRECTIONAL TOOLS AND SCRIBE
	06:30 - 07:00	0.50	RIG	1	RIG AND TOP DRIVE SERVICE
	07:00 - 11:30	4.50	TRP	2	TRIP IN HOLE WITH DIRECTIONAL TOOLS
	11:30 - 12:00	0.50	REAM	1	WASH 65' TO BOTTOM, NO FILL
	12:00 - 14:30	2.50	DRL	2	DIRECTIONAL DRILL F/8375 T/8467 92' 36.8'/HR WOB 8/10 GPM 140 RPM 210
	14:30 - 16:00	1.50	OTH		TROUBLE SHOT GAMMA AND MWD, WORKING AND RELOG HOLE
	16:00 - 16:30	0.50	DRL	2	DIRECTIONAL DRILL F/8467 T/8496 29' WOB 8/10 GPM 140 RPM 210
	16:30 - 17:30	1.00	OTH		TROUBLE SHOT PUMP PRESSURE PROBLEMS, APPEARS TO BE MUD MOTOR
	17:30 - 20:00	2.50	TRP	13	TRIP OUT OF HOLE FOR MUD MOTOR
	20:00 - 20:30	0.50	CIRC	1	MIX AND PUMP SLUG
	20:30 - 22:30	2.00	TRP	2	TRIP OUT, OPERATE PIPE AND BLIND RAMS
	22:30 - 00:00	1.50	TRP	2	CHANGE MOTORS AND MWD, RESCRIBE DIRECTIONAL TOOLS
	00:00 - 01:00	1.00	TRP	2	TRIP IN TO 1350'
	01:00 - 01:30	0.50	TRP	2	CHANGE OUT AGITATORS AND SHOCK SUBS AND TEST, OK
	01:30 - 06:00	4.50	TRP	2	TRIP IN HOLE AT 6000'- TIGHT SPOT @ 4830'

## Operations Summary Report

Well Name: RB DS FED 1G-7-10-18

Location: 7- 10-S 18-E 26

Rig Name: BASIN WELL SERVICE

Spud Date: 12/11/2004

Rig Release: 5/20/2011

Rig Number: 3

Date	From - To	Hours	Code	Sub Code	Description of Operations
4/26/2011	06:00 - 07:00	1.00	TRP	12	TRIP IN HOLE TO 7517'
	07:00 - 08:30	1.50	CIRC	1	TEST AND TROUBLE SHOT MWD, WONT WORK. BUILD AND PUMP TRIP SLUG
	08:30 - 10:30	2.00	TRP	13	TRIP OUT OF HOLE FOR MWD
	10:30 - 11:30	1.00	RIG	6	CUT DRILLING LINE
	11:30 - 12:00	0.50	RIG	1	RIG SERVICE
	12:00 - 14:30	2.50	TRP	13	TRIP OUT OF HOLE FOR MWD
	14:30 - 15:30	1.00	TRP	1	LAY DOWN MWD, CHANGE OUT MULE SHOE AND CHECK MOTOR AND BIT
	15:30 - 20:30	5.00	OTH		WAIT ON MWD TOOLS
4/27/2011	20:30 - 01:30	5.00	OTH		PICK UP MWD, TRIP IN TO 325', TEST TOOL, PRESSURED UP, TRIP OUT, CHANGE MOTORS AND RESCRIBE DIRECTIONAL TOOLS, TRIP IN TO 325', TEST TOOL, STILL PRESSURES UP, TRIP OUT, TROUBLESHOOT MWD TOOLS, REBUILD LOWER END OF MWD TOOL, TEST, OK
	01:30 - 06:00	4.50	TRP	2	TRIP IN, FILL PIPE AND TEST TOOL @325', 4100', 5000', 7000'
	06:00 - 08:00	2.00	TRP	13	WASH AND REAM F/8011 T/8496(BOTTOM) 485'
	08:00 - 17:00	9.00	DRL	2	DIRECTIONAL DRILL F/8496 T/9068 572' 63.6'/HR
					WOB 8/10 GPM 140 RPM 210
	17:00 - 18:00	1.00	SUR	1	SURVEYS AND CONNECTIONS
	18:00 - 21:30	3.50	DRL	2	DIRECTIONAL DRILL F/9068 T/9188 120' 34.2'/HR
					WOB 8/10 GPM 140 RPM 210
4/28/2011	21:30 - 22:00	0.50	CIRC	1	CIRCULATE UP SAMPLES FOR LOGGER
	22:00 - 01:00	3.00	TRP	14	SHORT TRIP UP TO 8500', BACK REAM F/9140'-8762', REAM F/8630'-9188'
	01:00 - 05:00	4.00	DRL	2	DIRECTIONAL DRILL F/9188 T/9385 197' 49.5
					WOB 8/10 GPM 140 RPM 210
	05:00 - 06:00	1.00	SUR	1	CONNECTIONS AND SURVEYS
	06:00 - 13:00	7.00	DRL	2	DIRECTIONAL DRILL F/9385 T/9633 248' 35.4'/hr
					WOB 8/10 ROM 210 GPM 140
	13:00 - 14:30	1.50	CIRC	1	CIRCULATE AND CONDITION HOLE FOR TRIP. PUMP WEIGHTED SWEEP
4/29/2011	14:30 - 15:00	0.50	TRP	2	TRIP OUT OF HOLE TO 9502
	15:00 - 18:30	3.50	OTH		WORK TIGHT HOLE @ 9502, PULLED FREE
	18:30 - 20:30	2.00	REAM	1	BACK REAM F/9510 T/8915
	20:30 - 22:00	1.50	TRP	2	TRIP OUT TO 7000'
	22:00 - 22:30	0.50	CIRC	1	MIX AND PUMP SLUG
	22:30 - 01:30	3.00	TRP	2	TRIP OUT, 30-50K DRAG F/5400 T/ 5275
	01:30 - 02:30	1.00	TRP	1	LAY DOWN DIRECTIONAL TOOLS, OPERATE PIPE AND BLIND RAMS
	02:30 - 05:30	3.00	TRP	15	PICK UP REAMING ASSEMBLY AND TRIP IN HOLE TO 5114'
4/30/2011	05:30 - 06:00	0.50	REAM	1	REAM WITH ECCENTRIC REAMER F/5114 T/5250
	06:00 - 07:30	1.50	REAM	1	REAM WITH ECCENTRIC REAMER F/5250 T/5480 230' 153'/HR
					WOB 0/3 RPM 80/85 GPM 160 TORQUE 1100/1300
	07:30 - 08:30	1.00	TRP	2	TRIP IN HOLE TO 6470, P.O.O.H T/5480'
	08:30 - 06:00	21.50	REAM	1	REAM WITH ECCENTRIC REAMER F/5480 T/9500
					WOB 0/4 ROM 80/85 GPM 160 TORQUE 1400/1600
	06:00 - 08:30	2.50	CIRC	1	CIRCULTE AND CONDITION HOLE FOR SHORT TRIP, PUMP WEIGHTED SWEEP AND BRING MUD WEIGHT UP 9.4 PPG
	08:30 - 14:00	5.50	TRP	15	SHORT TRIP TO WINDOW, TIGHT SPOTS F/9100' T/7500' AND F/5082' T/5030'
4/30/2011	14:00 - 16:00	2.00	TRP	15	TRIP IN HOLE TO 8777'
	16:00 - 17:30	1.50	REAM	1	WASH AND REAM F/8777' T/9500'
	17:30 - 20:30	3.00	CIRC	1	CIRCULATE AND CONDITION HOLE FOR LINER, PUMP WEIGHTED SWEEPS AND SPOT BEAD PILL
	20:30 - 22:00	1.50	TRP	15	TRIP OUT TO 7300'
	22:00 - 00:30	2.50	CIRC	1	CIRCULATE, MIX AND PUMP WEIGHTED SWEEPS AND SPOT BEAD PILL, HOLE CLEAN
	00:30 - 01:30	1.00	TRP	15	TRIP OUT TO 5852', SLM HWDP, DROP RABBIT

## Operations Summary Report

Well Name: RB DS FED 1G-7-10-18

Location: 7- 10-S 18-E 26

Rig Name: BASIN WELL SERVICE

Spud Date: 12/11/2004

Rig Release: 5/20/2011

Rig Number: 3

Date	From - To	Hours	Code	Sub Code	Description of Operations
4/30/2011	01:30 - 03:00	1.50	CIRC	1	CIRCULATE, MIX AND PUMP WEIGHTED SWEEPS AND SPOT BEAD PILL, HOLE CLEAN
5/1/2011	03:00 - 06:00	3.00	TRP	15	TRIP OUT, SLM, LAY DOWN JARS, 1 JT HWD, REAMING ASSEMBLY
	06:00 - 08:00	2.00	TRP	2	TRIP OUT OF HOLE FOR LINER, LAY DOWN REAMER ASSEMBLY
	08:00 - 09:00	1.00	CSG	1	HOLD SAFETY MEETING AND RIG UP CASING CREW
	09:00 - 18:00	9.00	CSG	2	RUN 145 JOINT OF 3 1/2", P-I/O, 9.2# ULTRA FJ LINER WITH 8 FRAC PORTS AND 12 PACKERS LINER WEIGHT UP 50,000#, DOWN 47,000, NEUTRAL 48,000# 375 PSI @ 1 BBL/MINUTE PUMP RATE
	18:00 - 18:30	0.50	CSG	1	RIG DOWN CASERS
5/2/2011	18:30 - 21:00	2.50	TRP	1	PICK UP 29 3 1/2" DRILL COLLARS
	21:00 - 21:30	0.50	OTH		RID DOWN LAYDOWN POLE, CHANGE SAVER SUBS, STAB ROTATING RUBBER
	21:30 - 23:30	2.00	CSG	4	TRIP IN WITH LINER TO 7300' TIGHT SPOT @ 5950'
	23:30 - 06:00	6.50	OTH		WORK STUCK PIPE AT 7300' LOWERING MUD WEIGHT. CIRCULATE 2 200 PSI @ 1.9 BBL/MIN
	06:00 - 09:30	3.50	OTH		WORK STUCK PIPE @ 7305'
	09:30 - 11:00	1.50	CIRC	1	DISPLACE HOLE WITH 100 BBL OF CRUDE OIL, PIPE CAME LOSS. OIL BACK TO SURFACE TO EARLIE.
	11:00 - 12:30	1.50	CIRC	1	CIRCULATE AND TROUBLE SHOOT HOLE IN DRILL STRING
	12:30 - 14:00	1.50	TRP	2	TRIP OUT OF HOLE TO FIND HOLE IN DRILL PIPE. FOUND @ 5770'
	14:00 - 17:30	3.50	CIRC	1	CIRCULATE AND CHECK PUMP PRESSURES, SPOT 30 BBL OF CRUDE OIL ON BOTTOM @ 5900'
	17:30 - 19:00	1.50	TRP	2	TRIP IN HOLE WITH LINER TO 8156', TIGHT
5/3/2011	19:00 - 00:30	5.50	OTH		WORK STUCK PIPE @ 8156', PUMP 75 BBL OIL, DISPLACE WITH BBL MUD, PIPE CAME FREE WORK PIPE FROM 8150 TO 8222 PUMP 100 BBL OF CRUDE OIL
	00:30 - 06:00	5.50	TRP	2	
	06:00 - 08:00	2.00	CIRC	1	SPOT 100 BBL OF CRUDE OIL ON BACK SIDE OF PIPE
	08:00 - 11:00	3.00	OTH		WORK PIPE IN HOLE F/8207 T/8222
	11:00 - 13:00	2.00	CIRC	1	DISPLACE HOLE WITH 255 BBL OF DIESEL
	13:00 - 17:00	4.00	OTH		WORK PIPE FROM 8222 TO 8222
	17:00 - 22:30	5.50	CIRC	1	CIRCULATE, WORK PIPE AND WAIT ON WIRELINE TRUCK
	22:30 - 00:00	1.50	FISH	4	PJSM, RIG UP WIRELINE TRUCK, ESTABLISH PIPE TORQUE
	00:00 - 01:30	1.50	FISH	4	RUN WIRELINE, STOPPED @ DRILL COLLARS, PULL WIRELINE AND CHANGE COLLAR
	01:30 - 03:00	1.50	FISH	4	RUN WIRELINE, SHOOT CASING AND BACK OFF SAME, PULL WIRELINE
5/4/2011	03:00 - 06:00	3.00	FISH	4	MAKE UP FREE POINT AND RUN IN TO VERIFY BACKOFF
	06:00 - 08:30	2.50	FISH	5	WHILE WORKING LEFT HAND TO THE STRING THE PIPE FINALLY BACKED APART.
	08:30 - 10:00	1.50	CIRC	1	DISPLACE HOLE WITH BRINE WATER
	10:00 - 11:00	1.00	TRP	2	TRIP OUT OF HOLE
	11:00 - 11:30	0.50	CSG	1	HOLD SAFETY MEETING AND RIG UP
5/5/2011	11:30 - 16:00	4.50	TRP	2	LAY DOWN DRILL COLLARS AND 37 JOINTS 3 1/2" LINER
	16:00 - 17:00	1.00	CSG	1	RIG DOWN CASING CREW AND MONITOR WELL
	17:00 - 02:30	9.50	BOP	1	NIPPLE DOWN BOP
	02:30 - 06:00	3.50	TRP	3	LAY DOWN DRILL PIPE IN MOUSE HOLE
	06:00 - 13:00	7.00	TRP	3	LAY DOWN DRILL STRING FROM MOUSE HOLE
	13:00 - 16:00	3.00	LOC	7	CLEAN MUD TANKS
	16:00 - 06:00	14.00	LOC	4	RIG DOWN AND PREPARE FOR TRUCKS, 85 % RIGGED DOWN, DERRICK STILL IN THE AIR, AIR TUGGER AND HANDRAILS STILL UP BUT WAS READY TO LAY OVER AT MIDNIGHT. RIG RELEASED AT 2400 HRS 5/4/2011

**Operations Summary Report**

Well Name: RB DS FED 1G-7-10-18

Location: 7- 10-S 18-E 26

Rig Name: BASIN WELL SERVICE

Spud Date: 12/11/2004

Rig Release: 5/20/2011

Rig Number: 3

Date	From - To	Hours	Code	Sub Code	Description of Operations
5/6/2011	06:00 - 06:00	24.00	LOC	4	RIG DOWN AND CLEAN ON RIG, LAID DERRICK OVER AT NOON AND FINISHED PREPARING FOR TRUCKS, HAULED OFF 6 LOADS OF RENTALS-COMPLETION STRING, DRILL STRING, 2 TRAILERS AND GAS BUSTER
5/7/2011	06:00 - 18:00	12.00	LOC	4	RIG DOWN FOR TRUCKS. GOT 3 TRUCKS AT 1400 HRS FROM SSS TRUCKING-REMOVED DERRICK FROM CARRIER AND SET RIG OUT.
	18:00 - 06:00	12.00	LOC	4	WAIT ON DAYLIGHT
	06:00 -				WILL HAVE 18 TRUCKS TODAY FROM SSS TRUCKING-THEY WILL LEAVE AZTEC YARD THIS AM

## QEP ENERGY

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## Operations Summary Report

Well Name: RB DS FED 1G-7-10-18  
 Location: 7- 10-S 18-E 26  
 Rig Name: BASIN WELL SERVICE

Spud Date: 12/11/2004  
 Rig Release:  
 Rig Number: 3

Date	From - To	Hours	Code	Sub Code	Description of Operations
5/18/2011	05:30 - 07:00	1.50	TRAV	1	5/18/11: TRAVEL TO LOCATION. MOVED RIG TO LOCATION ON 5/17/11.
	07:00 - 08:30	1.50	LOC	4	MIRU.
	08:30 - 12:00	3.50	RIG	2	REPAIRED DRAWWORKS ON RIG.
	12:00 - 13:15	1.25	BOP	1	CHECK PRESSURE: SICP= 0-PSI. ND FRAC VALVE. NU BOP'S.
	13:15 - 15:00	1.75	OTH		RU TBG EQUIPMENT. CHANGED PIPE RAMS AND EQUIPMENT OVER FOR 3 1/2" FRAC STRING. SPOT IN TBG FLOAT. PREP AND TALLY TOP ROW OF 3 1/2" FRAC STRING. SDFN.
5/19/2011	15:00 - 16:30	1.50	TRAV	1	TRAVEL TO TOWN.
	05:30 - 07:00	1.50	TRAV	1	5/19/11: TRAVEL TO LOCATION.
	07:00 - 07:15	0.25	OTH		SAFETY MEETING. CHECK PRESSURE: SICP= 0-PSI.
	07:15 - 12:30	5.25	TRP	5	TALLY, RABBIT AND RIH WITH 3 1/2" UFJ THREAD X 3 1/2" 8RD BOX X-OVER AND 147-JT'S 3 1/2" 9.3# N-80 FRAC STRING.
	12:30 - 14:00	1.50	OTH		WORKED FRAC STRING AND SCREWED INTO TOP OF 3 1/2" UFJ LINER TOP@ 4600'.
5/20/2011	14:00 - 14:30	0.50	FISH	6	TRY SEVERAL TIMES WORKING FRAC STRING UP TO 24K OVER STRING WT. AND SLACK OFF ALL WT. DOWN. NO MOVEMENT IN PACKER ASSEMBLY. SWIFN.
	14:30 - 16:00	1.50	TRAV	1	TRAVEL TO TOWN.
	05:30 - 07:00	1.50	TRAV	1	5/20/11: TRAVEL TO LOCATION.
	07:00 - 07:15	0.25	OTH		SAFETY MEETING. CHECK PRESSURE: SICP= 0# PSI. SITP= 0# PSI.
	07:15 - 08:30	1.25	BOP	1	RD TBG EQUIPMENT AND RIG FLOOR. ND AND STRIP OFF BOP'S.
5/26/2011	08:30 - 12:30	4.00	DEQ	3	SPACED OUT AND CUT FRAC STRING AT SURFACE TO WELD 3 1/2" EUE 8RD THREAD FOR TBG HANGER. MADE UP HANGER AND LANDED FRAC STRING IN WELLHEAD.
	12:30 - 13:30	1.00	WHD	1	NU 4 1/16" 10K FRAC VALVE. TEST HANGER VOID TO 5000# PSI. HELD GOOD. SWI.
	13:30 - 15:00	1.50	LOC	4	RACK OUT EQUIPMENT AND RIG DOWN. SD FOR WEEKEND. REPORT DISCONTINUED UNTIL FRAC DATE SCHEDULED ON 5/25/11.
	15:00 - 16:30	1.50	TRAV	1	TRAVEL TO TOWN.
	06:00 - 09:00	3.00			MOVE IN AN RIG UP HALLIBURTON
	09:00 - 10:00	1.00			TEST LINES, HOLD PRE-JOB MEETING
	10:00 - 11:00	1.00			DROP 1" BALL, LET FALL FOR 25 MINUTES, PUMP DOWN 3 1/2" FRAC STRING TO SEAT BALL. PRESSURE UP TO 3000 PSI WHEN BALL SEATED, SHUTIN AND HOLD PRESSURE FOR 30 MINUTES TO SET PACKERS.
					PRESSURE UP TO 4100 PSI, SHIFT FIRST SLEEVE
	11:00 - 12:30	1.50			PUMP 30# DELTA 140 CROSS-LINKED POLYMER, COULD NOT GET RATE ABOVE 8 BPM AT 5800 PSI. SHUT DOWN TO CHECK SURFACE LINE AND WELLHEAD, PUMPED TO THE PIT EVERYTHING SEEMED TO BE OK
	12:30 - 13:00	0.50			PUMPED DOWN FRAC STRING WITH 2% KCL AND FRICTION REDUCER, WAS ABLE TO GET THE RATE UP TO 25 BPM AT 6600 PSI.
	13:00 - 15:15	2.25			CUT POLYMER LOADING FROM 30# TO 20#, WAIT ON DELIVERY OF ADDITIONAL FRICTION REDUCER FROM VERNAL
	15:15 - 16:15	1.00			START STAGE, WORKED RATE UP TO 26 BPM AND 6400 PSI, STARTED SAND. WHEN SAND HIT PERFS THE PRESSURE BEGAN TO CLIMB, HAD TO CUT RATE TO KEEP FROM PRESSURING OUT. CUT SAND AND CONTINUE TO REDUCE RATE. HAD TO DISPLACE SAND AT 2.5 BPM.
	16:15 - 17:15	1.00			DROP 1.875" BALL PUMPED 89 BBLS BEFORE BALL SEATED, PRESSURED UP TO 7200 PSI, PUMPS KICKED OUT, BLEED OFF PRESSURE. HAD TO CYCLE PRESSURE 5 ADDITIONAL TIMES TO GET SLEEVE #2 TO SHIFT.

## Operations Summary Report

Well Name: RB DS FED 1G-7-10-18

Location: 7- 10-S 18-E 26

Rig Name: BASIN WELL SERVICE

Spud Date: 12/11/2004

Rig Release:

Rig Number: 3

Date	From - To	Hours	Code	Sub Code	Description of Operations
5/26/2011	17:15 - 17:35	0.33			TRY TO BRING UP RATE PUMPING #25 GEL, COULD NOT GET THE RATE ABOVE 15 BPM AT 6500 PSI. MADE DECISION TO SKIP STAGE DROPPED 2" BALL, PUMPED 107 BBLs, DID NOT SEE BALL SEAT. DROPPED SECOND 2" BALL AFTER PUMPING 42 BBLs PRESSURE INCREASED FROM 4000 PSI TO 5400 PSI. WAS ABLE TO CONTINUE PUMPING AT 8 BPM (NEITHER BALL WAS SEATING) RAISED RATE TO 10 BPM, PRESSURE GRADUALLY INCREASED TO 7200 PSI, SHUT DOWN, PRESSURE BLEED TO 1050 RAPIDLY.
	17:35 - 18:40	1.08			
5/27/2011	09:00 - 09:30	0.50	LOC	3	ROAD RIG TO LOCATION.
	09:30 - 12:00	2.50	LOC	4	SPOT EQUIPMENT. MIRU. SPOT PUMP AND TANK. WELL IS SI. SD FOR WEEKEND.
5/31/2011	12:00 - 13:30	1.50	TRAV	1	TRAVEL TO TOWN.
	05:30 - 07:00	1.50	TRAV	1	5/31/11: TRAVEL TO LOCATION.
	07:00 - 10:00	3.00	LOC	4	RACK OUT EQUIPMENT. RDMO. REPORT DISCONTINUED UNTIL FURTHER ACTIVITY.
6/13/2011	06:00 - 07:00	1.00	TRAV	1	6/13/2011, CREW TRAVEL
	07:00 - 08:00	1.00	LOC	3	ROAD RIG 35 MILES FROM SHOP TO LOCATION
	08:00 - 09:00	1.00	LOC	4	SPOT IN RIG UP
	09:00 - 13:30	4.50	WOT	4	WAIT ON BOPS & EQUIPMENT TO GET TO LOCATION
	13:30 - 15:00	1.50	BOP	1	ND FRAC VALVE, NU BOPS & SRIPING HEAD, X OVER TO 1.9 EQUIP, FROM 2 7/8". FIX BOPS BOLTS ON RAMS, RU FLOOR AND TBG EQUIP, CLEAN UP SWIFN
6/14/2011	15:00 - 16:30	1.50	TRAV	1	CREW TRAVEL
	05:30 - 07:00	1.50	TRAV	1	6/14/2011, CREW TRAVEL
	07:00 - 08:00	1.00	RIG	7	SAFETY MEETING, CHECK SICP=0 OPEN WELL UP
	08:00 - 10:30	2.50			MAKE 45 CUT 1.9 TBG, 94 OF 1.9 TBG,
	10:30 - 11:00	0.50	OTH		X OVER TO 2 3/8" EQUIPMENT
	11:00 - 14:00	3.00	TRP	5	1.9 TO 2 3/8" X OVER NIPPLE, TALLY PICK 55 JNTS OF 2 3/8" 4724' WENT DOWN OK #2 @ 5193' 17 JNTS GO TREW OK, #3, 13 JNTS 5596' TAG TURN TBG TO THE RIGH FALL THREW, #4 16 JNTS 6061' WENT TRHEW, #5 7 JNTS 202 TAG 10' OUT 6276' ON FISH SLEEVE
	14:00 - 15:00	1.00	SEQ	5	RU PUMP & PUMP LINES TO TBG FILL 4 BBLs GET INJECTION RATE OF 1-BPM AT 1000 PSI
6/15/2011	15:00 - 18:00	3.00	TRP	2	POOH WITH 107 OF 2 3/8" HYDRILL, X OVER NIPPLE, LD 95 - JNTS OF 1.9 TBG
	18:00 - 18:30	0.50	OTH		RACK OUT FOOR AND TBG EQUIPMENT, CLEAN UP SWIFN
	18:30 - 20:00	1.50	TRAV	1	CREW TRAVEL
	05:30 - 07:00	1.50	TRAV	1	6/15/2011, CREW TRAVEL
	07:00 - 07:30	0.50	RIG	7	SAFETY MEETING, CHECK SICP=VAC, OPEN WELL UP
	07:30 - 08:30	1.00	LOC	4	ND BOPS, NU FRAC VALVE, RIG DOWN, MOVE OFF
	08:00 - 09:30	1.50	LOC	4	07/15/2011: MIRU , SPOT IN EQUIPMENT
7/15/2011	09:30 - 10:00	0.50	OTH		CHANGE OVER FOR TBG, CHANGE ALL TBG EQUIPMENT OVER TO 3.5
	10:00 - 10:15	0.25	WCL	2	BLD DOWN TBG TO RESERVE PIT, N.D FRAC. VALVE
	10:15 - 11:00	0.75	BOP	1	N.U . BOPS AND RELATIVE EQUIPMENT, RIG UP FOR AND TBG EQUIPMENT
	11:00 - 11:30	0.50	DEQ	4	SRCEW IN TO HANGER , UNSET DOGS, PULL ON TBG TO 50K TO CHECK IF PIPE WHERE PARTED FROM PACKER , SWIFWE.
	11:30 - 13:00	1.50	TRAV	1	TRAVEL TO TOWN
7/18/2011	05:30 - 07:00	1.50	TRAV	1	07/18/2011: TRAVEL TO LOCATION
	07:00 - 07:15	0.25	OTH		SAFETY MEETING . CHECK PREESURES : SICP = 100 PSI SITP = 100 PSI
	07:15 - 09:00	1.75	LOG	4	R.U. CASED HOLE SOLUTIONS, RIH W/ CHAMICAL CUTTING TOOL CUT @ 4690' . P.O.O.H W/ WIRE LINE , PICK UP ON TBG , PULLED FREE , STRING WT. 44K, R.D. WIRE LINE TRUCK

## Operations Summary Report

Well Name: RB DS FED 1G-7-10-18  
 Location: 7- 10-S 18-E 26  
 Rig Name: BASIN WELL SERVICE

Spud Date: 12/11/2004  
 Rig Release:  
 Rig Number: 3

Date	From - To	Hours	Code	Sub Code	Description of Operations
7/18/2011	09:00 - 11:00	2.00	TRP	2	P.O.O.H W/ 146 -3.5 N-80 9.30# EUE 8RD , 3.5 CROSSOVER AND L.D. 3 - 3.5 UHJ LINER JTS ,
	11:00 - 11:30	0.50	LUN	1	TAKE LUNCH
	11:30 - 14:30	3.00	TRP	2	TALLEY, CALIBATE TOOLS , RIH W/ WALL HOOK , X- OVER, JARS, 4- DRILL COLLARS, X-OVER, 143 - 3 1/2 N-80 9.30# EUE 8 RD , EOT= 4643'
	14:30 - 17:30	3.00	SWAB	1	R.U. SWAB EQUIPMENT, SWAB IN TO FLAT TANK, SWAB 11 RUNS TOTAL BBLS RECOVERED= 66 BBLS L.D. SWAB EQUIPMENT , SWIFN
7/19/2011	17:30 - 19:00	1.50	TRAV	1	TRAVEL TO TOWN
	05:30 - 07:00	1.50	TRAV	1	07/19/2011: TRAVEL TO LOCATION
	07:00 - 07:15	0.25	OTH		SAFETY MEETING: CHECK PRESSURES, SITP = 0 PSI , SICP = 0 PSI
	07:15 - 17:00	9.75	SWAB	1	PICK UP SWAB EQUIPMENT , SWAB WELL, START FLUID LEVEL @ 1800' 14BBLS ENTRY OVER NIGHT. 8:00 FLUID LEVEL @ 2400 FLUID PULLED = 21BBLS @ 9:00 FLUID LEVEL @ 3100 FLUID PULLED 16 BBLS , @ 10:00 FLUID LEVEL 4000' FLUID PULLED = 30BBLS @ 11:00 FLUID LEVEL @ 4300' AND STABALIZE , TRACE OF OIL, FLUID PULLED/HR 22 BBLS , 1.3/4 BBLS ENTRY @ 12:00 FLUID LEVEL @ 4200' FLUID PULLED/HR 13BBLS 2.61 BBLS ENTRY PER RUN @ 13:00 FLUID LEVEL @ 4200" FLUID PULLED/HR 13BBLS 2.61 ENTRY @ 14:00 FLUID LEVEL 4300' FLUID PULLED/HR 10BBLS , 1.75 ENTRY PER RUN@ 15:00 FLUID LEVEL 4300' FLUID PULLED/ HR 8BBLS , 1.75 ENTRY PER RUN@16:00 FLUID LEVEL 4300' FLUID PULLED / HR 11BBLS, 1.75 ENTRY PER RUN@ 17:00 FLUID LEVEL 4300' FLUID PULLED / HR 10BBLS, 1.75 ENTRY PER HR
7/20/2011	17:00 - 17:30	0.50	SWAB	1	TOTAL BBLS RECOVERED 220BBLS, FINAL FLUID LEVEL @ 4300, ENTRY 1.75BBLS A RUN, TOTAL RUNS TODAY 44, L.D. SWAB EQUIPMENT SWIFN
	17:30 - 19:00	1.50	TRAV	1	TRAVEL TO TOWN
	05:30 - 07:00	1.50	TRAV	1	07/20/2011: TRAVEL TO LOCATION
	07:00 - 07:15	0.25	OTH		SAFETY MEETING: CHECK PRESSURE , SICP= 25 PSI SITP= 25
	07:15 - 08:30	1.25	SWAB	1	PICK UP SWAB EQUIPMENT: MADE 5 SWAB RUNS , ON THE THE 5TH RUN 30% OIL AND 70% WATER, START FLUID LEVEL 2800', ENTRY OVER NIGHT 30 BBLS RIG DOWN SWAB EQUIPMENT
	08:30 - 09:30	1.00	FISH	3	PICK UP 2 JTS, HOOK WHIP STOCK @4662', WORK JARS SEVRAL TIMES TO SHEER PINS
	09:30 - 12:00	2.50	TRP	2	P.O.O.H W/ 145 N-80 3 1/2 9.30# TBG L.D. 4 COLLARS, JARS , WALL HOOK , AND WHIP STOCK
	12:00 - 13:30	1.50	TRP	2	MAKE UP MILL / RETREIVER TOOL 149 3 1/2 N-80 JTS TO PLUG
	13:30 - 14:00	0.50	TRP	2	CATCH RETREIVABLE PLUG . PULLED 70K UNSET PLUG P.O.O.H
	14:00 - 14:30	0.50	LUN	1	TOOK LUNCH
7/21/2011	14:30 - 16:00	1.50	TRP	2	CONTINUE P.O.O.H W/ 149 JTS AND RETEIVER TOOL AND PLUG
					WELL KICK 4 TIMES ON THE WAY OUT , FROM TRAP PRESSURE IN FLUID IN PIPE, HOOK UP LINE TO FLAT TANK BLED DOWN EVERY TIME,
	16:00 - 16:30	0.50	OTH		SWIFN / CLEAN TOOLS
	16:30 - 18:00	1.50	TRAV	1	TRAVEL TO TOWN
	05:30 - 07:00	1.50	TRAV	1	07/21/2011: TRAVEL TO LOCATION
	07:00 - 07:15	0.25	OTH		SAFETY MEETING: CHECK PRESSURE , SICP= 50 PSI
7/22/2011	07:15 - 12:00	4.75	EQT	4	R.U FOUR STAR HYDRO TEST TRUCK: BULL PLUG TEST 1ST JT TO 6000PSI GOOD TEST, MAKE UP STRINGER AND 6' PUP JT AND LATCH UP 1 STAND, MAKE UP HYDRO TEST TOOLS, RIH / HYDRO TEST 149 N-80 3 1/2, TEST ALL GOOD, CATCH LINER @ 4700' SET STINGER W/ 45K IN COMPASION
	12:00 - 13:30	1.50	EQT	4	RIG DOWN HYDRO TEST TOOLS AND TRUCK, CLEAN AND PICK UP TOOLS GET READY FOR FRAC IN THE A.M.
	13:30 - 15:00	1.50	TRAV	1	TRAVE TO TOWN
	05:30 - 07:00	1.50	TRAV	1	07/22/2011: TRAVEL TO LOCATION

## Operations Summary Report

Well Name: RB DS FED 1G-7-10-18

Location: 7- 10-S 18-E 26

Rig Name: BASIN WELL SERVICE

Spud Date: 12/11/2004

Rig Release:

Rig Number: 3

Date	From - To	Hours	Code	Sub Code	Description of Operations
7/22/2011	07:00 - 07:15	0.25	OTH		SAFETY MEETING : CHECO PRESSURES , SICP= 0 PSI SITP = 0 PSI
	07:15 - 09:00	1.75	STIM	2	R.U. HALLIBERTON ACID TRUCKS PRESSURES TEST LINES TO 6000 PSI HELD GOOD ,
	09:00 - 12:30	3.50	STIM	3	PUMP ACID TREATMENT IN 2ND LATERAL: STAGE 1 , PUMP PRESSURE 2268 PSI , 241BBLs 15% HCL ACID , 5 BBL 2% KCL , DROP BALL, STAGE 2 PUMP PRESSURE 1272 PSI , 201 BBLs 15% HCL ACID , 5 BBLs 2% KCL DROP BALL STAGE 3: PUMP PRESSURE 936 PSI , 104 BBLs 15% HCL ACID 5 BBL 2% KCL, DROP BALL, STAGE 4 : PUMP PRESSURE 903 PSI , 274 BBLs 15% HCL ACID , 5BBLs 2% KCL , DROP BALL, STAGE 5: PRESSURE 836 PSI , 274 15% HCL ACID , 5BBL 2% KCL , DROP BALL, STAGE 6: PRESSURE 2064 PSI , 238 BBLs 15% HCL ACID , 5BBL 2% KCL , DROP BALL, STAGE 7: PRESSURE 1152 PSI , 238 BBLs 15% HCL ACID , 5 BBL 2% KCL , DROP BALL, STAGE 8: PRESSURE 2632 PSI , 230 BBLs 15% HCL ACID , 5BBLs 2% KCL
	12:30 - 13:30	1.00	STIM	2	R. D. HALLIBURTONS EQUIPMENT OFF THE RIG FLOOR, TBG ON VAC.
	13:30 - 13:45	0.25	DEQ	2	UN SET LINER STINGER
	13:45 - 14:45	1.00	TRP	5	L.D. 3 1/2 N- 80 TBG , SWAB WELL AS WE CAME UP TOOK SMALL KICK PUMP 50 BBLs DOWN TBG TO KILL WELL,
	14:45 - 15:15	0.50	TRP	5	CONTINUE L.D.20 JT TBG PIPE ,
	15:15 - 15:45	0.50	WCL	1	SWAB KICK IN CASING , PUMP 100BBLs TO KILL
	15:45 - 16:15	0.50	TRP	5	CONTINUE L.D. 25 JTS
	16:15 - 16:45	0.50	WCL	1	SWAB KICK IN CASIN , PUMP 100BBLs TO KILL
	16:45 - 17:30	0.75	TRP	5	CONTINUE L.D. PIPE , SWAB KICK IN , SWIFN ,TOTAL JTS L.D. 97 , JTS IN HOLE 62 EOT@ 1959
	17:30 - 19:00	1.50	TRAV	1	TRAVEL TO TOWN
7/23/2011	05:30 - 07:00	1.50	TRAV	1	07/23/2011: TRAVEL TO LOCATION
	07:00 - 07:15	0.25	OTH		SAFETY MEETING: CHECK PRESSURES SITP= 0 PSI SICP= VAC
	07:15 - 09:00	1.75	TRP	5	CONTINUE L.D. 3 1/2 N-80 9.30 TBG L.D. STINGER
	09:00 - 09:45	0.75	BOP	1	CHANGE B.O.P. AND TBG EQUIPMENT OVER TO 2 7/8 TBG
	09:45 - 13:30	3.75	TRP	5	TALLEY , RABBIT RIH W/ SWENGE 1 JT SEAT NIPPLE , 1 JT T.A.C 146 JTS OF 2 7/8 J-55 EUE 8RD TBG , EOT @ 4680. SET T.A.C W/ 12K OVER DTRING W.T.
	13:30 - 14:30	1.00	BOP	1	RIG DOWN FLOOR AND TBG EQUIPMENT , N.D. BOPS
	14:30 - 15:00	0.50	SWAB	1	RIG UP SWAB EQUIPMENT
	15:00 - 17:00	2.00	SWAB	1	SWAB WELL TO LOWER PH BALANCE , STARTING FLUID LEVEL @ 1800' MADE 7 RUNS ENDING FLUID LEVL @ 2500' TOTAL BBLs SWAB 35 BBLs PH LEVEL @ 6 SWIFWE.
7/25/2011	17:00 - 18:30	1.50	TRAV	1	TRAVEL TO TOWN
	05:30 - 07:00	1.50	TRAV	1	07/25/2011: TRAVEL TO LOCATION
	07:00 - 07:15	0.25	OTH		SAFETY MEETING : CHECK PRESSURES SITP= 0 PSI SICP= 150 PSI
	07:15 - 11:00	3.75	SWAB	1	PICK SWAB EQUIPMENT: SWAB WELL: STARTING FLUID LEVEL @ 1800' ON RUN 3 OIL TURN TO H2O 10% OIL, RECOVER 17 BBLs STANDING FREE OIL , 8:00 - FLUID LEVEL @ 2200, BBLs RECOVER 17, PH- 6 , OIL TRACE 9:00 - FLUID LEVEL @ 3000, BBLs RECOVER 37, PH - 6 OIL TRACE 10:00 - FLUID LEVEL @ 2600 BBLs RECOVER 12, PH -6 OIL 5%, ENTRY 8BBL FLUID LEVEL STABILAZE @ 2600' PH @ 6 ENTRY 2 BBLs PER RUN 11:00 SWAB WELL ON FLOW,
	11:00 - 14:30	3.50	PTST	2	FLOW RATE 21 BBLs / HR. PRESSURE@ 75 PSI , 100% OIL/ PH - 6 @ 12:30 SHUT WELL IN WATCH PRESSURE START PRESSURE 110 PSI END PRESSURE 125 PSI OPEN BACK TO FLAT TO FLOW @ 12:50 13:00- 10BBLs/ HR PRESSURE @ 25 PSI 100% OIL, PH-6 14:00- 10 BBLs/HR PRESSURE @ 25 PSI 100% OIL , PH-6
	14:30 - 15:30	1.00	HOT	1	FINAL FLOW 8 BBLs /HRS PRESSURE @ 20 PSI L.D. SWAB EQUIPMENT R.U. ADVANTAGE OILFLIED SERVICE , FLUSH TBG W/ 40BBLs OF 2% KCL

## Operations Summary Report

Well Name: RB DS FED 1G-7-10-18

Location: 7- 10-S 18-E 26

Rig Name: BASIN WELL SERVICE

Spud Date: 12/11/2004

Rig Release:

Rig Number: 3

Date	From - To	Hours	Code	Sub Code	Description of Operations
7/25/2011	14:30 - 15:30	1.00	HOT	1	WATER
	15:30 - 18:00	2.50	TRP	6	PICK UP PUMP / BUCKET TEST GOOD, PICK UP RODS OF TRAILER RIH W/ 1 PUMP , 24 - 1" SLICK RODS , 91 - 3/4 SLICK RODS AND 70- 7/8 SLICK RODS 1 8' PONY
	18:00 - 18:30	0.50	HOT	1	FULL TBG W/ HOT OIL TRUCK / STROKE TEST PUMP W/ RIG TO 800 PSI
	18:30 - 19:00	0.50	OTH		PICK UP / INSTALL HORSE HEAD / HANG OFF RODS 20" OFF DOUBLE TAG
	19:00 - 19:30	0.50	OTH		BRIDLE LINE WALK OFF HORSE HEAD WHEN ROLLING UNIT OVER / FIX BRIDLE BENT POLISH ROD/ SDFN WELL IS PUMP @ 1930
7/26/2011	19:30 - 21:00	1.50	TRAV	1	TRAVEL TO TOWN
	05:30 - 07:00	1.50	TRAV	1	07/26/2011: TRAVEL TO LOCATION
	07:00 - 07:15	0.25	OTH		SAFETY MEETING: CHECK PRESSURES SITP= 0 FCP= 50PSI
	07:15 - 08:30	1.25	OTH		CHANGE OUT POLISH ROD / FILL TBG WITH ADVANTAGE OILFIELD SERVICE PUMP STROKE W/ RIG TO 800 PSI
	08:30 - 10:00	1.50	LOC	4	RIG DOWN , RACK OUT EQUIPMENT TURN OVER TO PUMPER @ 10:00



# United States Department of the Interior

## BUREAU OF LAND MANAGEMENT

Utah State Office  
P.O. Box 45155  
Salt Lake City, UT 84145-0155  
<http://www.blm.gov/ut/st/en.html>



IN REPLY REFER TO  
3180 (UTU87719A)  
UT-922

Raul R. Chavez  
QEP Energy Company  
1050 17<sup>th</sup> Street, Suite 500  
Denver, Colorado 80265

**RECEIVED**  
**DEC 12 2011**  
DIV. OF OIL, GAS & MINING

**DEC 07 2011**

Re: Initial Participating Area "A"  
Nemo (GR) Unit  
Duchesne & Uintah Counties, Utah

Dear Mr. Chavez:

The Initial Participating Area "A", Nemo (GR) Unit, UTU87719A, is hereby approved effective as of July 26, 2011, pursuant to Section 11 of the Nemo (GR) Unit Agreement, Duchesne and Uintah Counties, Utah.

The Initial Participating Area "A" results in 759.72 acres and is based upon the completion of Well No. RB DS 1G-7-10-18, API No. 43-047-35932, surface located in the NE $\frac{1}{4}$ NE $\frac{1}{4}$ , of Section 7, Township 10 South, Range 18 East, SLB&M, Federal Unit Tract No. 15, Lease No. UTU81003, with horizontal lateral #1 terminating in the SW $\frac{1}{4}$ SE $\frac{1}{4}$  of Section 7, Township 10 South, Range 18 East, SLB&M, Federal Unit Tract No. 8, Lease No. UTU88069; and horizontal lateral #2 terminating in the SE $\frac{1}{4}$ NW $\frac{1}{4}$  of Section 5, Township 10 South, Range 18 East, SLB&M, Federal Unit Tract No. 15, Lease No. UTU81003, as being a well capable of producing unitized substances in paying quantities.

For production and accounting reporting purposes, all submissions pertaining to the Initial Participating Area "A" shall refer to UTU87719A. Please note corrections to Exhibits "A" and "B" marked in red.

A Copy of the approved request is being distributed to the appropriate agencies and one copy is returned herewith. Please advise all interested parties of the establishment of the Initial Participating Area "A", Nemo (GR) Unit, and the effective date.

**NOTICE OF VIOLATION**  
**STATE OF UTAH**  
**OIL AND GAS CONSERVATION ACT**

- The Board may authorize recovery of fines of \$5,000 per day for violation of any rule, or order and up to \$10,000.00 per day for willful violations U.C.A 40-6-11, part 4

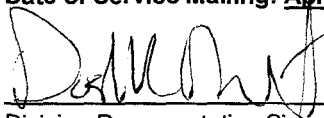
UTAH DEPARTMENT OF NATURAL RESOURCES  
Division of Oil, Gas & Mining  
Oil and Gas Program  
1594 West North Temple, Suite 1210, Box 145801  
Salt Lake City, UT 84114-5801  
(801) 538-5340 Phone  
(801) 359-3940 Fax

This notice shall remain in effect until it is modified, terminated, or vacated by a written notice of an authorized representative of the director of the Division of Oil, Gas and Mining. Failure to comply with this notice will result in the Division pursuing further actions against said operator. Further actions may include initiation of agency actions to order full cost bonding and plugging and abandonment of wells and requests for bond forfeiture and civil penalties.

**Compliance Deadline: April 10, 2013**

**Date of Service Mailing: April 1, 2013**

**Certified Mail No.: 7010 1670 0001 4810 4000**



Division Representative Signature

Operator Representative (if presented in person)

cc: Compliance File

Well File

Mike Johnson, Board of Oil, Gas and Mining

James Jensen, Board Chair

Steve Alder, DOGM

Jerry Kenczka, Vernal BLM

Jennifer Casady, Utah Tax Commission

1/2013

<b>STATE OF UTAH</b> DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		<b>FORM 9</b>
<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>  Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		<b>5. LEASE DESIGNATION AND SERIAL NUMBER:</b> UTU-81003
<b>1. TYPE OF WELL</b> Oil Well		<b>6. IF INDIAN, ALLOTTEE OR TRIBE NAME:</b>
<b>2. NAME OF OPERATOR:</b> QEP ENERGY COMPANY		<b>7. UNIT or CA AGREEMENT NAME:</b> NEMO (GR)
<b>3. ADDRESS OF OPERATOR:</b> 11002 East 17500 South, Vernal, Ut, 84078		<b>8. WELL NAME and NUMBER:</b> RB DS FED 1G-7-10-18
<b>4. LOCATION OF WELL</b> <b>FOOTAGES AT SURFACE:</b> 0607 FNL 0699 FEL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: NENE Section: 07 Township: 10.0S Range: 18.0E Meridian: S		<b>9. API NUMBER:</b> 43047359320000
<b>9. FIELD and POOL or WILDCAT:</b> UTELAND BUTTE		<b>COUNTY:</b> UINTAH
<b>STATE:</b> UTAH		
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA		
<b>TYPE OF SUBMISSION</b>	<b>TYPE OF ACTION</b>	
<input checked="" type="checkbox"/> <b>NOTICE OF INTENT</b> Approximate date work will start: <b>6/18/2013</b>  <input type="checkbox"/> <b>SUBSEQUENT REPORT</b> Date of Work Completion:  <input type="checkbox"/> <b>SPUD REPORT</b> Date of Spud:  <input type="checkbox"/> <b>DRILLING REPORT</b> Report Date:	<div style="display: flex; flex-wrap: wrap;"> <div style="width: 33%;"> <input type="checkbox"/> ACIDIZE  <input type="checkbox"/> CHANGE TO PREVIOUS PLANS  <input type="checkbox"/> CHANGE WELL STATUS  <input type="checkbox"/> DEEPEN  <input type="checkbox"/> OPERATOR CHANGE  <input type="checkbox"/> PRODUCTION START OR RESUME  <input type="checkbox"/> REPERFORATE CURRENT FORMATION  <input type="checkbox"/> TUBING REPAIR  <input type="checkbox"/> WATER SHUTOFF  <input type="checkbox"/> WILDCAT WELL DETERMINATION         </div> <div style="width: 33%;"> <input type="checkbox"/> ALTER CASING  <input type="checkbox"/> CHANGE TUBING  <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS  <input type="checkbox"/> FRACTURE TREAT  <input type="checkbox"/> PLUG AND ABANDON  <input type="checkbox"/> RECLAMATION OF WELL SITE  <input type="checkbox"/> SIDETRACK TO REPAIR WELL  <input checked="" type="checkbox"/> VENT OR FLARE  <input type="checkbox"/> SI TA STATUS EXTENSION  <input type="checkbox"/> OTHER         </div> <div style="width: 33%;"> <input type="checkbox"/> CASING REPAIR  <input type="checkbox"/> CHANGE WELL NAME  <input type="checkbox"/> CONVERT WELL TYPE  <input type="checkbox"/> NEW CONSTRUCTION  <input type="checkbox"/> PLUG BACK  <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION  <input type="checkbox"/> TEMPORARY ABANDON  <input type="checkbox"/> WATER DISPOSAL  <input type="checkbox"/> APD EXTENSION         </div> </div>	
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc. QEP ENERGY COMPANY REQUESTS AUTHORIZATION FOR UNRESTRICTED FLARING BEYOND THE 30 DAY LIMIT ESTABLISHED IN R649-3-20.3.2 AND NTL-4A. QEP ENERGY COMPANY IS WORKING WITH MONARCH NATURAL GAS, LLC IN ORDER TO ESTABLISH A GAS TRANSPORTATION AGREEMENT THAT WILL GRANT US ACCESS INTO MONARCHS LINE.		
<b>REQUEST DENIED</b> <b>Utah Division of</b> <b>Oil, Gas and Mining</b>  <b>Date:</b> June 20, 2013 <b>By:</b> <u>Derek Quist</u>		
<b>NAME (PLEASE PRINT)</b> Valyn Davis	<b>PHONE NUMBER</b> 435 781-4369	<b>TITLE</b> Regulatory Affairs Analyst
<b>SIGNATURE</b> N/A	<b>DATE</b> 6/18/2013	



**The Utah Division of Oil, Gas, and Mining**

- State of Utah
- Department of Natural Resources

**Electronic Permitting System - Sundry Notices**

**Sundry Conditions of Approval Well Number 43047359320000**

**Insufficient information provided to approve request.**